Ventura Countywide Stormwater Quality Management Program

2011-2012 Permit Year

Ventura Countywide Stormwater Quality Management Program Annual Report

Attachment E: Water Quality Monitoring Report Appendix F

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

December 15, 2012

Attachment E: Water Quality Monitoring Report Appendices

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Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	000NONPJ	matrix spike	10/11/2011	Anion	Chloride	n/a	=	377	mg/L	EPA 300.0	5	25			D
2011/12-1	000NONPJ	matrix spike	10/11/2011	Anion	Chloride	n/a	=	327	mg/L	EPA 300.0	5	25			D
2011/12-1	000NONPJ	matrix spike dup	10/11/2011	Anion	Chloride	n/a	=	374	mg/L	EPA 300.0	5	25			D
2011/12-1	000NONPJ	matrix spike dup	10/11/2011	Anion	Chloride	n/a	=	327	mg/L	EPA 300.0	5	25			D
2011/12-1	000NONPJ	matrix spike dup, rec	10/11/2011	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	72	118	D
2011/12-1	000NONPJ	matrix spike dup, rec	10/11/2011	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	72	118	D
2011/12-1	000NONPJ	matrix spike, rec	10/11/2011	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	72	118	D
2011/12-1	000NONPJ	matrix spike, rec	10/11/2011	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	72	118	D
2011/12-1	000NONPJ	matrix spike, RPD	10/11/2011	Anion	Chloride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	D
2011/12-1	000NONPJ	matrix spike, RPD	10/11/2011	Anion	Chloride	n/a	=	0	%	EPA 300.0	-88	-88	0	20	D
2011/12-1	000NONPJ	matrix spike	10/12/2011	Anion	Chloride	n/a	=	385	mg/L	EPA 300.0	1	5			D
2011/12-1	000NONPJ	matrix spike	10/12/2011	Anion	Chloride	n/a	=	555	mg/L	EPA 300.0	1	5			D
2011/12-1	000NONPJ	matrix spike dup	10/12/2011	Anion	Chloride	n/a	=	556	mg/L	EPA 300.0	1	5			D
2011/12-1	000NONPJ	matrix spike dup	10/12/2011	Anion	Chloride	n/a	=	386	mg/L	EPA 300.0	1	5			D
2011/12-1	000NONPJ	matrix spike dup, rec	10/12/2011	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	72	118	D
2011/12-1	000NONPJ	matrix spike dup, rec	10/12/2011	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	72	118	D
2011/12-1	000NONPJ	matrix spike, rec	10/12/2011	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	72	118	D
2011/12-1	000NONPJ	matrix spike, rec	10/12/2011	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	72	118	D
2011/12-1	000NONPJ	matrix spike, RPD	10/12/2011	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	D
2011/12-1	000NONPJ	matrix spike, RPD	10/12/2011	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	D
2011/12-1	Lab	LCS	10/11/2011	Anion	Chloride	n/a	=	4.28	mg/L	EPA 300.0	0.1	0.5			
2011/12-1	Lab	LCS, rec	10/11/2011	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	90	110	
2011/12-1	Lab	method blank	10/11/2011	Anion	Chloride	n/a	DNQ	0.197	mg/L	EPA 300.0	0.1	0.5			
2011/12-1	Lab	LCS	10/12/2011	Anion	Chloride	n/a	=	3.8	mg/L	EPA 300.0	0.1	0.5			
2011/12-1	Lab	LCS, rec	10/12/2011	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	90	110	
2011/12-1	Lab	method blank	10/12/2011	Anion	Chloride	n/a	DNQ	0.117	mg/L	EPA 300.0	0.1	0.5			
2011/12-1	000NONPJ	matrix spike	10/11/2011	Anion	Fluoride	n/a	=	103	mg/L	EPA 300.0	1	5			D
2011/12-1	000NONPJ	matrix spike	10/11/2011	Anion	Fluoride	n/a	=	101	mg/L	EPA 300.0	1	5			D
2011/12-1	000NONPJ	matrix spike dup	10/11/2011	Anion	Fluoride	n/a	=	103	mg/L	EPA 300.0	1	5			D
2011/12-1	000NONPJ	matrix spike dup	10/11/2011	Anion	Fluoride	n/a	=	103	mg/L	EPA 300.0	1	5			D
2011/12-1	000NONPJ	matrix spike dup, rec	10/11/2011	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	79	109	D
2011/12-1	000NONPJ	matrix spike dup, rec	10/11/2011	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	79	109	D
2011/12-1	000NONPJ	matrix spike, rec	10/11/2011	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	79	109	D
2011/12-1	000NONPJ	matrix spike, rec	10/11/2011	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	79	109	D
2011/12-1	000NONPJ	matrix spike, RPD	10/11/2011	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	D
2011/12-1	000NONPJ	matrix spike, RPD	10/11/2011	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	D
2011/12-1	000NONPJ	matrix spike	10/12/2011	Anion	Fluoride	n/a	=	18.7	mg/L	EPA 300.0	0.2	1			D
2011/12-1	000NONPJ	matrix spike	10/12/2011	Anion	Fluoride	n/a	=	18.9	mg/L	EPA 300.0	0.2	1			D
2011/12-1	000NONPJ	matrix spike dup	10/12/2011	Anion	Fluoride	n/a	=	19.2	mg/L	EPA 300.0	0.2	1			D
2011/12-1	000NONPJ	matrix spike dup	10/12/2011	Anion	Fluoride	n/a	=	18.7	mg/L	EPA 300.0	0.2	1			D
2011/12-1	000NONPJ	matrix spike dup, rec	10/12/2011	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	79	109	D
2011/12-1	000NONPJ	matrix spike dup, rec	10/12/2011	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	79	109	D
2011/12-1	000NONPJ	matrix spike, rec	10/12/2011	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	79	109	D
2011/12-1	000NONPJ	matrix spike, rec	10/12/2011	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	79	109	D
2011/12-1	000NONPJ	matrix spike, RPD	10/12/2011	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	D
2011/12-1	000NONPJ	matrix spike, RPD	10/12/2011	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	D
2011/12-1	Lab	LCS	10/11/2011	Anion	Fluoride	n/a	=	2.17	mg/L	EPA 300.0	0.02	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, rec	10/11/2011	Anion	Fluoride	n/a	=	109	%	EPA 300.0	-88	-88	90	110	
2011/12-1	Lab	method blank	10/11/2011	Anion	Fluoride	n/a	DNQ	0.041	mg/L	EPA 300.0	0.02	0.1			
2011/12-1	Lab	LCS	10/12/2011	Anion	Fluoride	n/a	=	1.96	mg/L	EPA 300.0	0.02	0.1			
2011/12-1	Lab	LCS, rec	10/12/2011	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2011/12-1	Lab	method blank	10/12/2011	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Anion	Perchlorate	n/a	=	10.3	µg/L	EPA 314.0	0.95	2			
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Anion	Perchlorate	n/a	=	9.57	µg/L	EPA 314.0	0.95	2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Anion	Perchlorate	n/a	=	96	%	EPA 314.0	-88	-88	80	120	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Anion	Perchlorate	n/a	=	103	%	EPA 314.0	-88	-88	80	120	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Anion	Perchlorate	n/a	=	7	%	EPA 314.0	-88	-88	0	15	
2011/12-1	000NONPJ	matrix spike	10/11/2011	Anion	Perchlorate	n/a	=	11.5	µg/L	EPA 314.0	0.95	2			
2011/12-1	000NONPJ	matrix spike dup	10/11/2011	Anion	Perchlorate	n/a	=	10.1	µg/L	EPA 314.0	0.95	2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/11/2011	Anion	Perchlorate	n/a	=	88	%	EPA 314.0	-88	-88	80	120	
2011/12-1	000NONPJ	matrix spike, rec	10/11/2011	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	80	120	
2011/12-1	000NONPJ	matrix spike, RPD	10/11/2011	Anion	Perchlorate	n/a	=	13	%	EPA 314.0	-88	-88	0	15	
2011/12-1	000NONPJ	matrix spike	10/13/2011	Anion	Perchlorate	n/a	=	8.69	µg/L	EPA 314.0	0.95	2			
2011/12-1	000NONPJ	matrix spike dup	10/13/2011	Anion	Perchlorate	n/a	=	8.52	µg/L	EPA 314.0	0.95	2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/13/2011	Anion	Perchlorate	n/a	=	85	%	EPA 314.0	-88	-88	80	120	
2011/12-1	000NONPJ	matrix spike, rec	10/13/2011	Anion	Perchlorate	n/a	=	87	%	EPA 314.0	-88	-88	80	120	
2011/12-1	000NONPJ	matrix spike, RPD	10/13/2011	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2011/12-1	Lab	LCS	10/10/2011	Anion	Perchlorate	n/a	=	9.97	µg/L	EPA 314.0	0.95	2			
2011/12-1	Lab	LCS, rec	10/10/2011	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	85	115	
2011/12-1	Lab	method blank	10/10/2011	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-1	Lab	LCS	10/11/2011	Anion	Perchlorate	n/a	=	10	µg/L	EPA 314.0	0.95	2			
2011/12-1	Lab	LCS, rec	10/11/2011	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	85	115	
2011/12-1	Lab	method blank	10/11/2011	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-1	Lab	LCS	10/13/2011	Anion	Perchlorate	n/a	=	10.7	µg/L	EPA 314.0	0.95	2			
2011/12-1	Lab	LCS, rec	10/13/2011	Anion	Perchlorate	n/a	=	107	%	EPA 314.0	-88	-88	85	115	
2011/12-1	Lab	method blank	10/13/2011	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-1	MO-VEN	field duplicate	10/6/2011	Bacteriological	E. Coli	n/a	=	17820	MPN/100 mL	MMO-MUG	100	100	-88	-88	D
2011/12-1	MO-VEN	field duplicate	10/9/2011	Bacteriological	Fecal Coliform	n/a	=	90000	MPN/100 mL	SM 9221 E	2	2	-88	-88	FDP
2011/12-1	MO-VEN	field duplicate	10/6/2011	Bacteriological	Total Coliform	n/a	=	198630	MPN/100 mL	MMO-MUG	100	100	-88	-88	D
2011/12-1	000NONPJ	matrix spike	10/18/2011	Cation	Calcium	Total	=	73.1	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	000NONPJ	matrix spike	10/18/2011	Cation	Calcium	Total	=	75.9	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/18/2011	Cation	Calcium	Total	=	76.4	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/18/2011	Cation	Calcium	Total	=	75.3	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/18/2011	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/18/2011	Cation	Calcium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/18/2011	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/18/2011	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/18/2011	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/18/2011	Cation	Calcium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2011/12-1	Lab	LCS	10/11/2011	Cation	Calcium	Total	=	48.3	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	Lab	LCS, rec	10/11/2011	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2011/12-1	Lab	method blank	10/11/2011	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	Lab	LCS	10/12/2011	Cation	Calcium	Total	=	46.2	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	Lab	LCS, rec	10/12/2011	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	method blank	10/12/2011	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	Lab	LCS	10/18/2011	Cation	Calcium	Total	=	50.1	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	Lab	LCS, rec	10/18/2011	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2011/12-1	Lab	method blank	10/18/2011	Cation	Calcium	Total	DNQ	0.0294	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	ME-VR2	matrix spike	10/11/2011	Cation	Calcium	Total	=	163	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	ME-VR2	matrix spike dup	10/11/2011	Cation	Calcium	Total	=	165	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	ME-VR2	matrix spike dup, rec	10/11/2011	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2011/12-1	ME-VR2	matrix spike, rec	10/11/2011	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2011/12-1	ME-VR2	matrix spike, RPD	10/11/2011	Cation	Calcium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/12/2011	Cation	Calcium	Total	=	60.6	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	MO-CAM	matrix spike dup	10/12/2011	Cation	Calcium	Total	=	60.2	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	MO-CAM	matrix spike dup, rec	10/12/2011	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/12/2011	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/12/2011	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2011/12-1	MO-MEI	matrix spike	10/11/2011	Cation	Calcium	Total	=	80.6	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	MO-MEI	matrix spike dup	10/11/2011	Cation	Calcium	Total	=	80.9	mg/L	EPA 200.7	0.016	0.1			
2011/12-1	MO-MEI	matrix spike dup, rec	10/11/2011	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2011/12-1	MO-MEI	matrix spike, rec	10/11/2011	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2011/12-1	MO-MEI	matrix spike, RPD	10/11/2011	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/18/2011	Cation	Magnesium	Total	=	60.2	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	000NONPJ	matrix spike	10/18/2011	Cation	Magnesium	Total	=	59.4	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/18/2011	Cation	Magnesium	Total	=	59.3	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/18/2011	Cation	Magnesium	Total	=	60.2	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/18/2011	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/18/2011	Cation	Magnesium	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/18/2011	Cation	Magnesium	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/18/2011	Cation	Magnesium	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/18/2011	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/18/2011	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2011/12-1	Lab	LCS	10/11/2011	Cation	Magnesium	Total	=	49.9	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	Lab	LCS, rec	10/11/2011	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2011/12-1	Lab	method blank	10/11/2011	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	Lab	LCS	10/12/2011	Cation	Magnesium	Total	=	46.4	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	Lab	LCS, rec	10/12/2011	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	Lab	LCS	10/18/2011	Cation	Magnesium	Total	=	50.5	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	Lab	LCS, rec	10/18/2011	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2011/12-1	Lab	method blank	10/18/2011	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	ME-VR2	matrix spike	10/11/2011	Cation	Magnesium	Total	=	87.2	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	ME-VR2	matrix spike dup	10/11/2011	Cation	Magnesium	Total	=	87.7	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	ME-VR2	matrix spike dup, rec	10/11/2011	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2011/12-1	ME-VR2	matrix spike, rec	10/11/2011	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2011/12-1	ME-VR2	matrix spike, RPD	10/11/2011	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/12/2011	Cation	Magnesium	Total	=	51	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	MO-CAM	matrix spike dup	10/12/2011	Cation	Magnesium	Total	=	51.1	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	MO-CAM	matrix spike dup, rec	10/12/2011	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/12/2011	Cation	Magnesium	Total	=	94	%	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	
2011/12-1	MO-CAM	matrix spike, RPD	10/12/2011	Cation	Magnesium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2011/12-1	MO-MEI	matrix spike	10/11/2011	Cation	Magnesium	Total	=	68.1	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	MO-MEI	matrix spike dup	10/11/2011	Cation	Magnesium	Total	=	68.4	mg/L	EPA 200.7	0.012	0.1			
2011/12-1	MO-MEI	matrix spike dup, rec	10/11/2011	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2011/12-1	MO-MEI	matrix spike, rec	10/11/2011	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2011/12-1	MO-MEI	matrix spike, RPD	10/11/2011	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2011/12-1	000NONPJ	lab duplicate	10/17/2011	Conventional	Alkalinity as CaCO3	n/a	=	11.8	mg/L	SM 2320 B	0.56	2		15	
2011/12-1	000NONPJ	lab duplicate	10/17/2011	Conventional	Alkalinity as CaCO3	n/a	=	166	mg/L	SM 2320 B	0.56	2		15	
2011/12-1	Lab	LCS	10/17/2011	Conventional	Alkalinity as CaCO3	n/a	=	241	mg/L	SM 2320 B	0.56	2			
2011/12-1	Lab	LCS	10/17/2011	Conventional	Alkalinity as CaCO3	n/a	=	240	mg/L	SM 2320 B	0.56	2			
2011/12-1	Lab	LCS, rec	10/17/2011	Conventional	Alkalinity as CaCO3	n/a	=	96	%	SM 2320 B	-88	-88	94	108	
2011/12-1	Lab	LCS, rec	10/17/2011	Conventional	Alkalinity as CaCO3	n/a	=	96	%	SM 2320 B	-88	-88	94	108	
2011/12-1	Lab	method blank	10/17/2011	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	2			
2011/12-1	Lab	method blank	10/17/2011	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	2			
2011/12-1	Lab	LCS	10/12/2011	Conventional	BOD	n/a	=	185	mg/L	SM 5210 B	0.1	2			
2011/12-1	Lab	LCS, rec	10/12/2011	Conventional	BOD	n/a	=	93	%	SM 5210 B	-88	-88	85	115	
2011/12-1	Lab	LCS	10/14/2011	Conventional	BOD	n/a	=	188	mg/L	SM 5210 B	0.1	2			
2011/12-1	Lab	LCS, rec	10/14/2011	Conventional	BOD	n/a	=	95	%	SM 5210 B	-88	-88	85	115	
2011/12-1	000NONPJ	lab duplicate	10/10/2011	Conventional	COD	n/a	=	1150	mg/L	EPA 410.4	0.73	5			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Conventional	COD	n/a	=	311	mg/L	EPA 410.4	1.5	10			D
2011/12-1	000NONPJ	matrix spike	10/10/2011	Conventional	COD	n/a	=	263	mg/L	EPA 410.4	1.5	10			D
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Conventional	COD	n/a	=	311	mg/L	EPA 410.4	1.5	10			D
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Conventional	COD	n/a	=	263	mg/L	EPA 410.4	1.5	10			D
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	D
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	D
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	D
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	D
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Conventional	COD	n/a	=	0.02	%	EPA 410.4	-88	-88	0	15	D
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Conventional	COD	n/a	=	0.05	%	EPA 410.4	-88	-88	0	15	D
2011/12-1	000NONPJ	lab duplicate	10/17/2011	Conventional	COD	n/a	=	449	mg/L	EPA 410.4	1.5	10			D
2011/12-1	000NONPJ	matrix spike	10/17/2011	Conventional	COD	n/a	=	208	mg/L	EPA 410.4	1.5	10			D
2011/12-1	000NONPJ	matrix spike	10/17/2011	Conventional	COD	n/a	=	207	mg/L	EPA 410.4	1.5	10			D
2011/12-1	000NONPJ	matrix spike dup	10/17/2011	Conventional	COD	n/a	=	207	mg/L	EPA 410.4	1.5	10			D
2011/12-1	000NONPJ	matrix spike dup	10/17/2011	Conventional	COD	n/a	=	208	mg/L	EPA 410.4	1.5	10			D
2011/12-1	000NONPJ	matrix spike dup, rec	10/17/2011	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	D
2011/12-1	000NONPJ	matrix spike dup, rec	10/17/2011	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	D
2011/12-1	000NONPJ	matrix spike, rec	10/17/2011	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	D
2011/12-1	000NONPJ	matrix spike, rec	10/17/2011	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	D
2011/12-1	000NONPJ	matrix spike, RPD	10/17/2011	Conventional	COD	n/a	=	0.01	%	EPA 410.4	-88	-88	0	15	D
2011/12-1	000NONPJ	matrix spike, RPD	10/17/2011	Conventional	COD	n/a	=	0.03	%	EPA 410.4	-88	-88	0	15	D
2011/12-1	Lab	LCS	10/10/2011	Conventional	COD	n/a	=	1040	mg/L	EPA 410.4	0.73	5			
2011/12-1	Lab	LCS, rec	10/10/2011	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2011/12-1	Lab	method blank	10/10/2011	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2011/12-1	Lab	LCS	10/17/2011	Conventional	COD	n/a	=	940	mg/L	EPA 410.4	0.73	5			
2011/12-1	Lab	LCS, rec	10/17/2011	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2011/12-1	Lab	method blank	10/17/2011	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2011/12-1	000NONPJ	matrix spike	10/18/2011	Conventional	Cyanide	Total	=	0.322	mg/L	EPA 335.4	0.0055	0.01			D,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	
2011/12-1	000NONPJ	matrix spike	10/18/2011	Conventional	Cyanide	Total	=	0.28	mg/L	EPA 335.4	0.0055	0.01			D,GB
2011/12-1	000NONPJ	matrix spike dup	10/18/2011	Conventional	Cyanide	Total	=	0.292	mg/L	EPA 335.4	0.0055	0.01			D,GB
2011/12-1	000NONPJ	matrix spike dup	10/18/2011	Conventional	Cyanide	Total	=	0.318	mg/L	EPA 335.4	0.0055	0.01			D,GB
2011/12-1	000NONPJ	matrix spike dup, rec	10/18/2011	Conventional	Cyanide	Total	=	80	%	EPA 335.4	-88	-88	90	110	D,GB
2011/12-1	000NONPJ	matrix spike dup, rec	10/18/2011	Conventional	Cyanide	Total	=	73	%	EPA 335.4	-88	-88	90	110	D,GB
2011/12-1	000NONPJ	matrix spike, rec	10/18/2011	Conventional	Cyanide	Total	=	70	%	EPA 335.4	-88	-88	90	110	D,GB
2011/12-1	000NONPJ	matrix spike, rec	10/18/2011	Conventional	Cyanide	Total	=	80	%	EPA 335.4	-88	-88	90	110	D,GB
2011/12-1	000NONPJ	matrix spike, RPD	10/18/2011	Conventional	Cyanide	Total	=	4	%	EPA 335.4	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/18/2011	Conventional	Cyanide	Total	=	1	%	EPA 335.4	-88	-88	0	20	
2011/12-1	Lab	LCS	10/17/2011	Conventional	Cyanide	Total	=	0.0471	mg/L	EPA 335.4	0.0027	0.005			
2011/12-1	Lab	LCS, rec	10/17/2011	Conventional	Cyanide	Total	=	94	%	EPA 335.4	-88	-88	90	110	
2011/12-1	Lab	method blank	10/17/2011	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-1	Lab	LCS	10/18/2011	Conventional	Cyanide	Total	=	0.0519	mg/L	EPA 335.4	0.0027	0.005			
2011/12-1	Lab	LCS, rec	10/18/2011	Conventional	Cyanide	Total	=	104	%	EPA 335.4	-88	-88	90	110	
2011/12-1	Lab	method blank	10/18/2011	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-1	ME-CC	matrix spike	10/17/2011	Conventional	Cyanide	Total	=	0.322	mg/L	EPA 335.4	0.0055	0.01			D,GB
2011/12-1	ME-CC	matrix spike dup	10/17/2011	Conventional	Cyanide	Total	=	0.382	mg/L	EPA 335.4	0.0055	0.01			D
2011/12-1	ME-CC	matrix spike dup, rec	10/17/2011	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	D
2011/12-1	ME-CC	matrix spike, rec	10/17/2011	Conventional	Cyanide	Total	=	80	%	EPA 335.4	-88	-88	90	110	D,GB
2011/12-1	ME-CC	matrix spike, RPD	10/17/2011	Conventional	Cyanide	Total	=	17	%	EPA 335.4	-88	-88	0	20	
2011/12-1	MO-FIL	matrix spike	10/17/2011	Conventional	Cyanide	Total	=	0.368	mg/L	EPA 335.4	0.0055	0.01			D
2011/12-1	MO-FIL	matrix spike dup	10/17/2011	Conventional	Cyanide	Total	=	0.368	mg/L	EPA 335.4	0.0055	0.01			D
2011/12-1	MO-FIL	matrix spike dup, rec	10/17/2011	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	D
2011/12-1	MO-FIL	matrix spike, rec	10/17/2011	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	D
2011/12-1	MO-FIL	matrix spike, RPD	10/17/2011	Conventional	Cyanide	Total	=	0	%	EPA 335.4	-88	-88	0	20	
2011/12-1	MO-VEN	field duplicate	10/17/2011	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-1	000NONPJ	matrix spike	10/6/2011	Conventional	MBAS	n/a	=	0.203	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	000NONPJ	matrix spike dup	10/6/2011	Conventional	MBAS	n/a	=	0.202	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	000NONPJ	matrix spike dup, rec	10/6/2011	Conventional	MBAS	n/a	=	101	%	SM 5540 C	-88	-88	77	118	
2011/12-1	000NONPJ	matrix spike, rec	10/6/2011	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	77	118	
2011/12-1	000NONPJ	matrix spike, RPD	10/6/2011	Conventional	MBAS	n/a	=	0.8	%	SM 5540 C	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike	10/7/2011	Conventional	MBAS	n/a	=	0.203	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	000NONPJ	matrix spike	10/7/2011	Conventional	MBAS	n/a	=	0.264	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	000NONPJ	matrix spike dup	10/7/2011	Conventional	MBAS	n/a	=	0.271	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	000NONPJ	matrix spike dup	10/7/2011	Conventional	MBAS	n/a	=	0.208	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	000NONPJ	matrix spike dup, rec	10/7/2011	Conventional	MBAS	n/a	=	116	%	SM 5540 C	-88	-88	77	118	
2011/12-1	000NONPJ	matrix spike dup, rec	10/7/2011	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	77	118	
2011/12-1	000NONPJ	matrix spike, rec	10/7/2011	Conventional	MBAS	n/a	=	112	%	SM 5540 C	-88	-88	77	118	
2011/12-1	000NONPJ	matrix spike, rec	10/7/2011	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	77	118	
2011/12-1	000NONPJ	matrix spike, RPD	10/7/2011	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/7/2011	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	
2011/12-1	Lab	LCS	10/6/2011	Conventional	MBAS	n/a	=	0.204	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	Lab	LCS, rec	10/6/2011	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	79	113	
2011/12-1	Lab	method blank	10/6/2011	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	Lab	LCS	10/7/2011	Conventional	MBAS	n/a	=	0.186	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	Lab	LCS	10/7/2011	Conventional	MBAS	n/a	=	0.203	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	Lab	LCS, rec	10/7/2011	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	79	113	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, rec	10/7/2011	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	79	113	
2011/12-1	Lab	method blank	10/7/2011	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	Lab	method blank	10/7/2011	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2011/12-1	000NONPJ	matrix spike	10/17/2011	Conventional	Phenolics	n/a	=	0.288	mg/L	EPA 420.4	0.0042	0.01			
2011/12-1	000NONPJ	matrix spike	10/17/2011	Conventional	Phenolics	n/a	=	0.27	mg/L	EPA 420.4	0.0042	0.01			
2011/12-1	000NONPJ	matrix spike dup	10/17/2011	Conventional	Phenolics	n/a	=	0.266	mg/L	EPA 420.4	0.0042	0.01			
2011/12-1	000NONPJ	matrix spike dup	10/17/2011	Conventional	Phenolics	n/a	=	0.286	mg/L	EPA 420.4	0.0042	0.01			
2011/12-1	000NONPJ	matrix spike dup, rec	10/17/2011	Conventional	Phenolics	n/a	=	91	%	EPA 420.4	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike dup, rec	10/17/2011	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/17/2011	Conventional	Phenolics	n/a	=	92	%	EPA 420.4	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/17/2011	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, RPD	10/17/2011	Conventional	Phenolics	n/a	=	0.6	%	EPA 420.4	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/17/2011	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2011/12-1	Lab	LCS	10/17/2011	Conventional	Phenolics	n/a	=	0.101	mg/L	EPA 420.4	0.0042	0.01			
2011/12-1	Lab	LCS, rec	10/17/2011	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2011/12-1	Lab	method blank	10/17/2011	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2011/12-1	000NONPJ	lab duplicate	10/17/2011	Conventional	Specific Conductance	n/a	=	1280	µmhos/cm	SM 2510 B	0.23	2		4.28	
2011/12-1	000NONPJ	lab duplicate	10/18/2011	Conventional	Specific Conductance	n/a	=	29.6	µmhos/cm	SM 2510 B	0.23	2		4.28	
2011/12-1	Lab	LCS	10/17/2011	Conventional	Specific Conductance	n/a	=	196	µmhos/cm	SM 2510 B	0.23	2			
2011/12-1	Lab	LCS, rec	10/17/2011	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2011/12-1	Lab	method blank	10/17/2011	Conventional	Specific Conductance	n/a	DNQ	0.4	µmhos/cm	SM 2510 B	0.23	2			
2011/12-1	Lab	LCS	10/18/2011	Conventional	Specific Conductance	n/a	=	196	µmhos/cm	SM 2510 B	0.23	2			
2011/12-1	Lab	LCS, rec	10/18/2011	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2011/12-1	Lab	method blank	10/18/2011	Conventional	Specific Conductance	n/a	DNQ	0.4	µmhos/cm	SM 2510 B	0.23	2			
2011/12-1	000NONPJ	matrix spike	10/6/2011	Conventional	Total Chlorine Residual	n/a	=	0.181	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-1	000NONPJ	matrix spike dup	10/6/2011	Conventional	Total Chlorine Residual	n/a	=	0.185	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-1	000NONPJ	matrix spike dup, rec	10/6/2011	Conventional	Total Chlorine Residual	n/a	=	92	%	SM 4500-Cl G	-88	-88	65	128	
2011/12-1	000NONPJ	matrix spike, rec	10/6/2011	Conventional	Total Chlorine Residual	n/a	=	91	%	SM 4500-Cl G	-88	-88	65	128	
2011/12-1	000NONPJ	matrix spike, RPD	10/6/2011	Conventional	Total Chlorine Residual	n/a	=	2	%	SM 4500-Cl G	-88	-88	0	15	
2011/12-1	Lab	LCS	10/6/2011	Conventional	Total Chlorine Residual	n/a	=	0.208	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-1	Lab	LCS, rec	10/6/2011	Conventional	Total Chlorine Residual	n/a	=	104	%	SM 4500-Cl G	-88	-88	82	112	
2011/12-1	Lab	method blank	10/6/2011	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-1	000NONPJ	lab duplicate	10/10/2011	Conventional	Total Dissolved Solids	n/a	=	232	mg/L	SM 2540 C	4	10		10	
2011/12-1	000NONPJ	lab duplicate	10/10/2011	Conventional	Total Dissolved Solids	n/a	=	292	mg/L	SM 2540 C	4	10		10	
2011/12-1	000NONPJ	lab duplicate	10/12/2011	Conventional	Total Dissolved Solids	n/a	=	750	mg/L	SM 2540 C	4	10		10	
2011/12-1	000NONPJ	lab duplicate	10/12/2011	Conventional	Total Dissolved Solids	n/a	=	297	mg/L	SM 2540 C	4	10		10	
2011/12-1	Lab	LCS	10/10/2011	Conventional	Total Dissolved Solids	n/a	=	817	mg/L	SM 2540 C	4	10			
2011/12-1	Lab	LCS, rec	10/10/2011	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	91	104	
2011/12-1	Lab	method blank	10/10/2011	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2011/12-1	Lab	LCS	10/12/2011	Conventional	Total Dissolved Solids	n/a	=	787	mg/L	SM 2540 C	4	10			
2011/12-1	Lab	LCS, rec	10/12/2011	Conventional	Total Dissolved Solids	n/a	=	96	%	SM 2540 C	-88	-88	91	104	
2011/12-1	Lab	method blank	10/12/2011	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2011/12-1	000NONPJ	matrix spike	10/26/2011	Conventional	Total Organic Carbon	n/a	=	5.95	mg/L	SM 5310 C	0.009	0.3			
2011/12-1	000NONPJ	matrix spike dup	10/26/2011	Conventional	Total Organic Carbon	n/a	=	5.93	mg/L	SM 5310 C	0.009	0.3			
2011/12-1	000NONPJ	matrix spike dup, rec	10/26/2011	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	84	107	
2011/12-1	000NONPJ	matrix spike, rec	10/26/2011	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 C	-88	-88	84	107	
2011/12-1	000NONPJ	matrix spike, RPD	10/26/2011	Conventional	Total Organic Carbon	n/a	=	0.5	%	SM 5310 C	-88	-88	0	20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	000NONPJ	matrix spike	10/28/2011	Conventional	Total Organic Carbon	n/a	=	4.81	mg/L	SM 5310 C	0.009	0.3			
2011/12-1	000NONPJ	matrix spike dup	10/28/2011	Conventional	Total Organic Carbon	n/a	=	4.76	mg/L	SM 5310 C	0.009	0.3			
2011/12-1	000NONPJ	matrix spike dup, rec	10/28/2011	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 C	-88	-88	84	107	
2011/12-1	000NONPJ	matrix spike, rec	10/28/2011	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	84	107	
2011/12-1	000NONPJ	matrix spike, RPD	10/28/2011	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 C	-88	-88	0	20	
2011/12-1	Lab	LCS	10/26/2011	Conventional	Total Organic Carbon	n/a	=	4.77	mg/L	SM 5310 C	0.009	0.3			
2011/12-1	Lab	LCS, rec	10/26/2011	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 C	-88	-88	90	110	
2011/12-1	Lab	method blank	10/26/2011	Conventional	Total Organic Carbon	n/a	DNQ	0.0272	mg/L	SM 5310 C	0.009	0.3			
2011/12-1	Lab	LCS	10/28/2011	Conventional	Total Organic Carbon	n/a	=	4.62	mg/L	SM 5310 C	0.009	0.3			
2011/12-1	Lab	LCS, rec	10/28/2011	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 C	-88	-88	90	110	
2011/12-1	Lab	method blank	10/28/2011	Conventional	Total Organic Carbon	n/a	DNQ	0.0108	mg/L	SM 5310 C	0.009	0.3			
2011/12-1	000NONPJ	lab duplicate	10/10/2011	Conventional	Total Suspended Solids	n/a	=	296	mg/L	SM 2540 D	5	5		20	
2011/12-1	000NONPJ	lab duplicate	10/12/2011	Conventional	Total Suspended Solids	n/a	=	79	mg/L	SM 2540 D	5	5		20	
2011/12-1	Lab	method blank	10/10/2011	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2011/12-1	Lab	method blank	10/12/2011	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2011/12-1	000NONPJ	lab duplicate	10/6/2011	Conventional	Turbidity	n/a	=	51.9	NTU	EPA 180.1	0.024	0.1		10	
2011/12-1	000NONPJ	lab duplicate	10/7/2011	Conventional	Turbidity	n/a	=	36.5	NTU	EPA 180.1	0.024	0.1		10	
2011/12-1	000NONPJ	lab duplicate	10/7/2011	Conventional	Turbidity	n/a	=	518	NTU	EPA 180.1	0.024	0.1		10	
2011/12-1	Lab	LCS	10/6/2011	Conventional	Turbidity	n/a	=	5.2	NTU	EPA 180.1	0.024	0.1			
2011/12-1	Lab	LCS, rec	10/6/2011	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2011/12-1	Lab	method blank	10/6/2011	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2011/12-1	Lab	LCS	10/7/2011	Conventional	Turbidity	n/a	=	5.2	NTU	EPA 180.1	0.024	0.1			
2011/12-1	Lab	LCS	10/7/2011	Conventional	Turbidity	n/a	=	5.2	NTU	EPA 180.1	0.024	0.1			
2011/12-1	Lab	LCS, rec	10/7/2011	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2011/12-1	Lab	LCS, rec	10/7/2011	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2011/12-1	Lab	method blank	10/7/2011	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2011/12-1	Lab	method blank	10/7/2011	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2011/12-1	000NONPJ	lab duplicate	10/10/2011	Conventional	Volatile Suspended Solids	n/a	=	150	mg/L	EPA 160.4	3.1	5		15	
2011/12-1	000NONPJ	lab duplicate	10/12/2011	Conventional	Volatile Suspended Solids	n/a	=	13	mg/L	EPA 160.4	3.1	5		15	
2011/12-1	Lab	method blank	10/10/2011	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2011/12-1	Lab	method blank	10/12/2011	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Hydrocarbon	Oil and Grease	n/a	=	22.7	mg/L	EPA 1664A	1.3	5			
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Hydrocarbon	Oil and Grease	n/a	=	78	%	EPA 1664A	-88	-88	78	114	
2011/12-1	Lab	LCS	10/10/2011	Hydrocarbon	Oil and Grease	n/a	DNQ	4.1	mg/L	EPA 1664A	1.3	5			
2011/12-1	Lab	LCS	10/10/2011	Hydrocarbon	Oil and Grease	n/a	=	17	mg/L	EPA 1664A	1.3	5			
2011/12-1	Lab	LCS dup	10/10/2011	Hydrocarbon	Oil and Grease	n/a	=	17.3	mg/L	EPA 1664A	1.3	5			
2011/12-1	Lab	LCS dup, rec	10/10/2011	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2011/12-1	Lab	LCS, rec	10/10/2011	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664A	-88	-88	78	114	
2011/12-1	Lab	LCS, rec	10/10/2011	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664A	-88	-88	78	114	
2011/12-1	Lab	LCS, RPD	10/10/2011	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0		
2011/12-1	Lab	method blank	10/10/2011	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2011/12-1	MO-VEN	field duplicate	10/10/2011	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Hydrocarbon	TPH	n/a	=	12.5	mg/L	EPA 1664A	1.9	5			
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Hydrocarbon	TPH	n/a	=	92	%	EPA 1664A	-88	-88	64	132	
2011/12-1	Lab	LCS	10/10/2011	Hydrocarbon	TPH	n/a	=	7.7	mg/L	EPA 1664A	1.9	5			
2011/12-1	Lab	LCS	10/10/2011	Hydrocarbon	TPH	n/a	DNQ	2.2	mg/L	EPA 1664A	1.9	5			
2011/12-1	Lab	LCS dup	10/10/2011	Hydrocarbon	TPH	n/a	=	8.5	mg/L	EPA 1664A	1.9	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS dup, rec	10/10/2011	Hydrocarbon	TPH	n/a	=	85	%	EPA 1664A	-88	-88	64	132	
2011/12-1	Lab	LCS, rec	10/10/2011	Hydrocarbon	TPH	n/a	=	88	%	EPA 1664A	-88	-88	64	132	
2011/12-1	Lab	LCS, rec	10/10/2011	Hydrocarbon	TPH	n/a	=	77	%	EPA 1664A	-88	-88	64	132	
2011/12-1	Lab	LCS, RPD	10/10/2011	Hydrocarbon	TPH	n/a	=	10	%	EPA 1664A	-88	-88	0	18	
2011/12-1	Lab	method blank	10/10/2011	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2011/12-1	MO-VEN	field duplicate	10/10/2011	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2011/12-1	Lab	LCS	10/12/2011	Metal	Aluminum	Dissolved	=	48.3	µg/L	EPA 200.8	0.61	5			
2011/12-1	Lab	LCS	10/12/2011	Metal	Aluminum	Dissolved	=	45.1	µg/L	EPA 200.8	0.61	5			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Aluminum	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Aluminum	Dissolved	=	90	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Aluminum	Dissolved	DNQ	3.52	µg/L	EPA 200.8	0.61	5			
2011/12-1	Lab	method blank	10/12/2011	Metal	Aluminum	Dissolved	DNQ	1.08	µg/L	EPA 200.8	0.61	5			
2011/12-1	Lab	LCS	10/19/2011	Metal	Aluminum	Dissolved	=	54.1	µg/L	EPA 200.8	0.61	5			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Aluminum	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Aluminum	Dissolved	DNQ	1.02	µg/L	EPA 200.8	0.61	5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Aluminum	Total	=	301	µg/L	EPA 200.8	0.61	5			GB
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Aluminum	Total	=	54.8	µg/L	EPA 200.8	0.61	5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Aluminum	Total	=	278	µg/L	EPA 200.8	0.61	5			GB
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Aluminum	Total	=	55.4	µg/L	EPA 200.8	0.61	5			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Aluminum	Total	=	144	%	EPA 200.8	-88	-88	70	130	GB
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Aluminum	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Aluminum	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Aluminum	Total	=	190	%	EPA 200.8	-88	-88	70	130	GB
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Aluminum	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Aluminum	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Aluminum	Total	=	48.3	µg/L	EPA 200.8	0.61	5			
2011/12-1	Lab	LCS	10/12/2011	Metal	Aluminum	Total	=	45.1	µg/L	EPA 200.8	0.61	5			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Aluminum	Total	=	90	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Aluminum	Total	DNQ	3.52	µg/L	EPA 200.8	0.61	5			
2011/12-1	Lab	method blank	10/12/2011	Metal	Aluminum	Total	DNQ	1.08	µg/L	EPA 200.8	0.61	5			
2011/12-1	Lab	LCS	10/19/2011	Metal	Aluminum	Total	=	54.1	µg/L	EPA 200.8	0.61	5			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Aluminum	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Aluminum	Total	DNQ	1.02	µg/L	EPA 200.8	0.61	5			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Aluminum	Total	=	655	µg/L	EPA 200.8	6.1	50			D
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Aluminum	Total	=	678	µg/L	EPA 200.8	6.1	50			D
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Aluminum	Total	=	124	%	EPA 200.8	-88	-88	70	130	D
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Aluminum	Total	=	79	%	EPA 200.8	-88	-88	70	130	D
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	D
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Aluminum	Total	=	11100	µg/L	EPA 200.8	6.1	50			D,GB
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Aluminum	Total	=	10500	µg/L	EPA 200.8	6.1	50			D,GB
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Aluminum	Total	=	-713	%	EPA 200.8	-88	-88	70	130	D,GB
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Aluminum	Total	=	543	%	EPA 200.8	-88	-88	70	130	D,GB
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Aluminum	Total	=	6	%	EPA 200.8	-88	-88	0	30	D
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Aluminum	Total	=	2760	µg/L	EPA 200.8	6.1	50			D,GB
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Aluminum	Total	=	264	%	EPA 200.8	-88	-88	70	130	D,GB
2011/12-1	MO-OXN	matrix spike dup	10/13/2011	Metal	Aluminum	Total	=	2740	µg/L	EPA 200.8	6.1	50			D,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	
2011/12-1	MO-OXN	matrix spike dup, rec	10/13/2011	Metal	Aluminum	Total	=	223	%	EPA 200.8	-88	-88	70	130	D,GB
2011/12-1	MO-OXN	matrix spike, RPD	10/13/2011	Metal	Aluminum	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	D
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Antimony	Dissolved	=	49.4	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Antimony	Dissolved	=	48.6	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Antimony	Dissolved	=	49.4	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Antimony	Dissolved	=	47.4	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Antimony	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Antimony	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Antimony	Dissolved	=	0.02	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Antimony	Dissolved	=	49.7	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	Lab	LCS	10/12/2011	Metal	Antimony	Dissolved	=	50.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Antimony	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	Lab	method blank	10/12/2011	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	Lab	LCS	10/19/2011	Metal	Antimony	Dissolved	=	48.5	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Antimony	Dissolved	=	48	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Antimony	Dissolved	=	47.1	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Antimony	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Antimony	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Antimony	Total	=	49.4	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Antimony	Total	=	48.6	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Antimony	Total	=	49.4	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Antimony	Total	=	47.4	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Antimony	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Antimony	Total	=	49.7	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	Lab	LCS	10/12/2011	Metal	Antimony	Total	=	50.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	Lab	method blank	10/12/2011	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	Lab	LCS	10/19/2011	Metal	Antimony	Total	=	48.5	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Antimony	Total	=	49.4	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Antimony	Total	=	50.1	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	
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Antimony	Total	=	32.1	µg/L	EPA 200.8	0.04	0.5			GB
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Antimony	Total	=	34	µg/L	EPA 200.8	0.04	0.5			GB
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Antimony	Total	=	66	%	EPA 200.8	-88	-88	70	130	GB
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Antimony	Total	=	62	%	EPA 200.8	-88	-88	70	130	GB
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Antimony	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Antimony	Total	=	48	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Antimony	Total	=	47.1	µg/L	EPA 200.8	0.04	0.5			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Antimony	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Arsenic	Dissolved	=	47.3	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Arsenic	Dissolved	=	50.6	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Arsenic	Dissolved	=	46.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Arsenic	Dissolved	=	51	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Arsenic	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Arsenic	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Arsenic	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Arsenic	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Arsenic	Dissolved	=	48.1	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	Lab	LCS	10/12/2011	Metal	Arsenic	Dissolved	=	48.8	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Arsenic	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	Lab	method blank	10/12/2011	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	Lab	LCS	10/19/2011	Metal	Arsenic	Dissolved	=	50.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Arsenic	Dissolved	=	55.5	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Arsenic	Dissolved	=	54.7	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Arsenic	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Arsenic	Dissolved	=	53.7	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Arsenic	Dissolved	=	54.8	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Arsenic	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Arsenic	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Arsenic	Dissolved	=	50.6	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Arsenic	Dissolved	=	50.1	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Arsenic	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Arsenic	Total	=	47.3	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Arsenic	Total	=	51	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Arsenic	Total	=	46.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Arsenic	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Arsenic	Total	=	48.1	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	Lab	LCS	10/12/2011	Metal	Arsenic	Total	=	48.8	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	Lab	method blank	10/12/2011	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	Lab	LCS	10/19/2011	Metal	Arsenic	Total	=	50.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Arsenic	Total	=	55.5	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Arsenic	Total	=	54.7	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Arsenic	Total	=	53.7	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Arsenic	Total	=	54.8	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Arsenic	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Arsenic	Total	=	50.1	µg/L	EPA 200.8	0.036	0.4			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Barium	Total	=	74.6	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Barium	Total	=	50.8	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Barium	Total	=	49.7	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Barium	Total	=	75	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Barium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Barium	Total	=	48.9	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Barium	Total	<	0.03	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	
2011/12-1	Lab	LCS	10/19/2011	Metal	Barium	Total	=	49.8	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Barium	Total	<	0.03	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Barium	Total	=	83.3	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Barium	Total	=	83.2	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Barium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Barium	Total	=	308	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Barium	Total	=	306	µg/L	EPA 200.8	0.03	0.5			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Barium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Beryllium	Dissolved	=	51.8	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Beryllium	Dissolved	=	53.2	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Beryllium	Dissolved	=	51.4	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Beryllium	Dissolved	=	52.1	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Beryllium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Beryllium	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Beryllium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Beryllium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Beryllium	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Beryllium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Beryllium	Dissolved	=	53.7	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Beryllium	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	Lab	LCS	10/18/2011	Metal	Beryllium	Dissolved	=	51.2	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	Lab	LCS, rec	10/18/2011	Metal	Beryllium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/18/2011	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	Lab	LCS	10/19/2011	Metal	Beryllium	Dissolved	=	49.7	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Beryllium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Beryllium	Dissolved	=	52.3	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Beryllium	Dissolved	=	51.5	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Beryllium	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Beryllium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Beryllium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Beryllium	Dissolved	=	51.2	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Beryllium	Dissolved	=	51.9	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Beryllium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Beryllium	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Beryllium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-VEN	matrix spike	10/18/2011	Metal	Beryllium	Dissolved	=	53	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-VEN	matrix spike dup	10/18/2011	Metal	Beryllium	Dissolved	=	52	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-VEN	matrix spike dup, rec	10/18/2011	Metal	Beryllium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-VEN	matrix spike, rec	10/18/2011	Metal	Beryllium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-VEN	matrix spike, RPD	10/18/2011	Metal	Beryllium	Dissolved	=	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	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Beryllium	Total	=	51.8	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Beryllium	Total	=	53.2	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Beryllium	Total	=	52.1	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Beryllium	Total	=	51.4	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Beryllium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Beryllium	Total	=	53.7	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	Lab	LCS	10/18/2011	Metal	Beryllium	Total	=	51.2	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	Lab	LCS, rec	10/18/2011	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/18/2011	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	Lab	LCS	10/19/2011	Metal	Beryllium	Total	=	49.7	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Beryllium	Total	=	52.3	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Beryllium	Total	=	51.5	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Beryllium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Beryllium	Total	=	51.2	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Beryllium	Total	=	51.9	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-VEN	matrix spike	10/18/2011	Metal	Beryllium	Total	=	53	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-VEN	matrix spike dup	10/18/2011	Metal	Beryllium	Total	=	52	µg/L	EPA 200.8	0.088	0.1			
2011/12-1	MO-VEN	matrix spike dup, rec	10/18/2011	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-VEN	matrix spike, rec	10/18/2011	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-VEN	matrix spike, RPD	10/18/2011	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Cadmium	Dissolved	=	48.9	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Cadmium	Dissolved	=	49.2	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Cadmium	Dissolved	=	49.1	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Cadmium	Dissolved	=	48.7	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Cadmium	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Cadmium	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Cadmium	Dissolved	=	49.7	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	Lab	LCS	10/12/2011	Metal	Cadmium	Dissolved	=	51	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	Lab	method blank	10/12/2011	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	Lab	LCS	10/19/2011	Metal	Cadmium	Dissolved	=	49	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Cadmium	Dissolved	=	48.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Cadmium	Dissolved	=	48.9	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Cadmium	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Cadmium	Dissolved	=	49.7	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Cadmium	Dissolved	=	49.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Cadmium	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Cadmium	Dissolved	=	51	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Cadmium	Dissolved	=	50.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Cadmium	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Cadmium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Cadmium	Total	=	49.2	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Cadmium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Cadmium	Total	=	49.7	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	Lab	LCS	10/12/2011	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	Lab	method blank	10/12/2011	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	Lab	LCS	10/19/2011	Metal	Cadmium	Total	=	49	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Cadmium	Total	=	48.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Cadmium	Total	=	49.7	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.02	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Cadmium	Total	=	50.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Chromium	Dissolved	=	50.6	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Chromium	Dissolved	=	53	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Chromium	Dissolved	=	51.9	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Chromium	Dissolved	=	49.4	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Chromium	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Chromium	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Chromium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Chromium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Chromium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Chromium	Dissolved	=	46.4	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	Lab	LCS	10/12/2011	Metal	Chromium	Dissolved	=	47.8	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Chromium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Chromium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	Lab	method blank	10/12/2011	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	Lab	LCS	10/19/2011	Metal	Chromium	Dissolved	=	50.9	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Chromium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Chromium	Dissolved	=	54.9	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Chromium	Dissolved	=	54.7	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Chromium	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Chromium	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Chromium	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Chromium	Total	=	50.6	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Chromium	Total	=	53	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Chromium	Total	=	51.9	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Chromium	Total	=	49.4	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Chromium	Total	=	46.4	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	Lab	LCS	10/12/2011	Metal	Chromium	Total	=	47.8	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	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	
2011/12-1	Lab	method blank	10/12/2011	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	Lab	LCS	10/19/2011	Metal	Chromium	Total	=	50.9	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Chromium	Total	=	50.1	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Chromium	Total	=	49.3	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Chromium	Total	=	67.6	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Chromium	Total	=	66.8	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Chromium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Chromium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Chromium	Total	=	54.9	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Chromium	Total	=	54.7	µg/L	EPA 200.8	0.074	0.2			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Chromium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/6/2011	Metal	Chromium VI	n/a	=	5.18	µg/L	EPA 218.6	0.0059	0.3			
2011/12-1	000NONPJ	matrix spike	10/6/2011	Metal	Chromium VI	n/a	=	8.16	µg/L	EPA 218.6	0.0059	0.3			
2011/12-1	000NONPJ	matrix spike dup	10/6/2011	Metal	Chromium VI	n/a	=	8.26	µg/L	EPA 218.6	0.0059	0.3			
2011/12-1	000NONPJ	matrix spike dup	10/6/2011	Metal	Chromium VI	n/a	=	5.15	µg/L	EPA 218.6	0.0059	0.3			
2011/12-1	000NONPJ	matrix spike dup, rec	10/6/2011	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2011/12-1	000NONPJ	matrix spike dup, rec	10/6/2011	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2011/12-1	000NONPJ	matrix spike, rec	10/6/2011	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2011/12-1	000NONPJ	matrix spike, rec	10/6/2011	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2011/12-1	000NONPJ	matrix spike, RPD	10/6/2011	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2011/12-1	000NONPJ	matrix spike, RPD	10/6/2011	Metal	Chromium VI	n/a	=	0.6	%	EPA 218.6	-88	-88	0	10	
2011/12-1	Lab	LCS	10/6/2011	Metal	Chromium VI	n/a	=	5.09	µg/L	EPA 218.6	0.0059	0.3			
2011/12-1	Lab	LCS, rec	10/6/2011	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	90	110	
2011/12-1	Lab	method blank	10/6/2011	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2011/12-1	Lab	LCS	10/10/2011	Metal	Chromium VI	n/a	=	5.1	µg/L	EPA 218.6	0.0059	0.3			
2011/12-1	Lab	LCS, rec	10/10/2011	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	90	110	
2011/12-1	Lab	method blank	10/10/2011	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2011/12-1	MO-HUE	matrix spike	10/10/2011	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0059	0.3			
2011/12-1	MO-HUE	matrix spike dup	10/10/2011	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0059	0.3			
2011/12-1	MO-HUE	matrix spike dup, rec	10/10/2011	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2011/12-1	MO-HUE	matrix spike, rec	10/10/2011	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2011/12-1	MO-HUE	matrix spike, RPD	10/10/2011	Metal	Chromium VI	n/a	=	0.04	%	EPA 218.6	-88	-88	0	10	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Copper	Dissolved	=	75.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Copper	Dissolved	=	53.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Copper	Dissolved	=	51.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Copper	Dissolved	=	73.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Copper	Dissolved	=	111	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Copper	Dissolved	=	106	%	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	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Copper	Dissolved	=	115	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Copper	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Copper	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Copper	Dissolved	=	49.7	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	Lab	LCS	10/12/2011	Metal	Copper	Dissolved	=	49.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Copper	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	Lab	method blank	10/12/2011	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	Lab	LCS	10/19/2011	Metal	Copper	Dissolved	=	52.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Copper	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Copper	Total	=	75.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Copper	Total	=	53.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Copper	Total	=	51.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Copper	Total	=	73.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Copper	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Copper	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Copper	Total	=	49.7	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	Lab	LCS	10/12/2011	Metal	Copper	Total	=	49.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	Lab	method blank	10/12/2011	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	Lab	LCS	10/19/2011	Metal	Copper	Total	=	52.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Copper	Total	=	60.4	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Copper	Total	=	60.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Copper	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Copper	Total	=	97.2	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Copper	Total	=	97.7	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Copper	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Copper	Total	=	146	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Copper	Total	=	148	µg/L	EPA 200.8	0.27	0.5			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/11/2011	Metal	Iron	Dissolved	=	187	µg/L	EPA 200.7	1.1	10			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, rec	10/11/2011	Metal	Iron	Dissolved	=	94	%	EPA 200.7	-88	-88			
2011/12-1	Lab	method blank	10/11/2011	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-1	Lab	LCS	10/12/2011	Metal	Iron	Dissolved	=	184	µg/L	EPA 200.7	1.1	10			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Iron	Dissolved	=	92	%	EPA 200.7	-88	-88			
2011/12-1	Lab	method blank	10/12/2011	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-1	Lab	LCS	10/19/2011	Metal	Iron	Dissolved	=	193	µg/L	EPA 200.7	1.1	10			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Iron	Dissolved	=	97	%	EPA 200.7	-88	-88			
2011/12-1	Lab	method blank	10/19/2011	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-1	Lab	LCS	10/11/2011	Metal	Iron	Total	=	187	µg/L	EPA 200.7	1.1	10			
2011/12-1	Lab	LCS, rec	10/11/2011	Metal	Iron	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2011/12-1	Lab	method blank	10/11/2011	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-1	Lab	LCS	10/12/2011	Metal	Iron	Total	=	184	µg/L	EPA 200.7	1.1	10			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Iron	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-1	Lab	LCS	10/19/2011	Metal	Iron	Total	=	193	µg/L	EPA 200.7	1.1	10			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Iron	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-1	ME-VR2	matrix spike	10/11/2011	Metal	Iron	Total	=	1110	µg/L	EPA 200.7	1.1	10			
2011/12-1	ME-VR2	matrix spike dup	10/11/2011	Metal	Iron	Total	=	1110	µg/L	EPA 200.7	1.1	10			
2011/12-1	ME-VR2	matrix spike dup, rec	10/11/2011	Metal	Iron	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2011/12-1	ME-VR2	matrix spike, rec	10/11/2011	Metal	Iron	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2011/12-1	ME-VR2	matrix spike, RPD	10/11/2011	Metal	Iron	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/12/2011	Metal	Iron	Total	=	5490	µg/L	EPA 200.7	1.1	10			GB
2011/12-1	MO-CAM	matrix spike dup	10/12/2011	Metal	Iron	Total	=	5460	µg/L	EPA 200.7	1.1	10			GB
2011/12-1	MO-CAM	matrix spike dup, rec	10/12/2011	Metal	Iron	Total	=	-63	%	EPA 200.7	-88	-88	70	130	GB
2011/12-1	MO-CAM	matrix spike, rec	10/12/2011	Metal	Iron	Total	=	-45	%	EPA 200.7	-88	-88	70	130	GB
2011/12-1	MO-CAM	matrix spike, RPD	10/12/2011	Metal	Iron	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Metal	Iron	Total	=	5140	µg/L	EPA 200.7	1.1	10			GB
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Metal	Iron	Total	=	4960	µg/L	EPA 200.7	1.1	10			GB
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Metal	Iron	Total	=	65	%	EPA 200.7	-88	-88	70	130	GB
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Metal	Iron	Total	=	155	%	EPA 200.7	-88	-88	70	130	GB
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Metal	Iron	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2011/12-1	MO-MEI	matrix spike	10/11/2011	Metal	Iron	Total	=	5050	µg/L	EPA 200.7	1.1	10			GB
2011/12-1	MO-MEI	matrix spike dup	10/11/2011	Metal	Iron	Total	=	4940	µg/L	EPA 200.7	1.1	10			GB
2011/12-1	MO-MEI	matrix spike dup, rec	10/11/2011	Metal	Iron	Total	=	-44	%	EPA 200.7	-88	-88	70	130	GB
2011/12-1	MO-MEI	matrix spike, rec	10/11/2011	Metal	Iron	Total	=	10	%	EPA 200.7	-88	-88	70	130	GB
2011/12-1	MO-MEI	matrix spike, RPD	10/11/2011	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Lead	Dissolved	=	52.9	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Lead	Dissolved	=	49.3	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Lead	Dissolved	=	48.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Lead	Dissolved	=	52.2	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Lead	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Lead	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Lead	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Lead	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS	10/12/2011	Metal	Lead	Dissolved	=	48.4	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	Lab	LCS	10/12/2011	Metal	Lead	Dissolved	=	49.2	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Lead	Dissolved	DNQ	0.0114	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	Lab	method blank	10/12/2011	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	Lab	LCS	10/19/2011	Metal	Lead	Dissolved	=	49.3	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Lead	Total	=	52.9	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Lead	Total	=	49.3	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Lead	Total	=	48.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Lead	Total	=	52.2	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Lead	Total	=	49.2	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	Lab	LCS	10/12/2011	Metal	Lead	Total	=	48.4	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Lead	Total	DNQ	0.0114	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	Lab	method blank	10/12/2011	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	Lab	LCS	10/19/2011	Metal	Lead	Total	=	49.3	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Lead	Total	=	52.3	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Lead	Total	=	52.3	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Lead	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Lead	Total	=	76.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Lead	Total	=	76.3	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Lead	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Lead	Total	=	82.1	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Lead	Total	=	82.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Lead	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/10/2011	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Metal	Mercury	Dissolved	=	1000	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	
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Metal	Mercury	Dissolved	=	996	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Mercury	Dissolved	=	1000	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Mercury	Dissolved	=	995	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2011/12-1	Lab	LCS	10/10/2011	Metal	Mercury	Dissolved	=	969	ng/L	EPA 245.1	3.9	50			
2011/12-1	Lab	LCS	10/10/2011	Metal	Mercury	Dissolved	=	928	ng/L	EPA 245.1	3.9	50			
2011/12-1	Lab	LCS, rec	10/10/2011	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/10/2011	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	85	115	
2011/12-1	Lab	method blank	10/10/2011	Metal	Mercury	Dissolved	DNQ	25	ng/L	EPA 245.1	3.9	50			
2011/12-1	Lab	method blank	10/10/2011	Metal	Mercury	Dissolved	DNQ	21	ng/L	EPA 245.1	3.9	50			
2011/12-1	Lab	LCS	10/19/2011	Metal	Mercury	Dissolved	=	961	ng/L	EPA 245.1	3.9	50			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Mercury	Dissolved	DNQ	34	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Metal	Mercury	Total	=	996	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Mercury	Total	=	995	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2011/12-1	Lab	LCS	10/10/2011	Metal	Mercury	Total	=	969	ng/L	EPA 245.1	3.9	50			
2011/12-1	Lab	LCS	10/10/2011	Metal	Mercury	Total	=	928	ng/L	EPA 245.1	3.9	50			
2011/12-1	Lab	LCS, rec	10/10/2011	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/10/2011	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	85	115	
2011/12-1	Lab	method blank	10/10/2011	Metal	Mercury	Total	DNQ	21	ng/L	EPA 245.1	3.9	50			
2011/12-1	Lab	method blank	10/10/2011	Metal	Mercury	Total	DNQ	25	ng/L	EPA 245.1	3.9	50			
2011/12-1	Lab	LCS	10/19/2011	Metal	Mercury	Total	=	961	ng/L	EPA 245.1	3.9	50			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Mercury	Total	DNQ	34	ng/L	EPA 245.1	3.9	50			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Nickel	Dissolved	=	58.5	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Nickel	Dissolved	=	51.9	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Nickel	Dissolved	=	50.7	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Nickel	Dissolved	=	56.7	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Nickel	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Nickel	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Nickel	Dissolved	=	109	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Nickel	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Nickel	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Nickel	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Nickel	Dissolved	=	50	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	Lab	LCS	10/12/2011	Metal	Nickel	Dissolved	=	48.2	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Nickel	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	Lab	method blank	10/12/2011	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	Lab	LCS	10/19/2011	Metal	Nickel	Dissolved	=	52.3	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Nickel	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Nickel	Dissolved	=	62	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	
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Nickel	Dissolved	=	61.6	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Nickel	Dissolved	=	114	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Nickel	Dissolved	=	114	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Nickel	Dissolved	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Nickel	Total	=	51.9	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Nickel	Total	=	58.5	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Nickel	Total	=	56.7	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Nickel	Total	=	50.7	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Nickel	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Nickel	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Nickel	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Nickel	Total	=	48.2	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	Lab	LCS	10/12/2011	Metal	Nickel	Total	=	50	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	Lab	method blank	10/12/2011	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	Lab	LCS	10/19/2011	Metal	Nickel	Total	=	52.3	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Nickel	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Nickel	Total	=	52.5	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Nickel	Total	=	53	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Nickel	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Nickel	Total	=	79.8	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Nickel	Total	=	79	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Nickel	Total	=	62	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Nickel	Total	=	61.6	µg/L	EPA 200.8	0.13	0.8			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Nickel	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Selenium	Dissolved	=	49.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Selenium	Dissolved	=	51.7	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Selenium	Dissolved	=	48.8	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Selenium	Dissolved	=	50.7	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Selenium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Selenium	Dissolved	=	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	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Selenium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Selenium	Dissolved	=	51.7	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	Lab	LCS	10/12/2011	Metal	Selenium	Dissolved	=	51.2	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Selenium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	Lab	method blank	10/12/2011	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	Lab	LCS	10/19/2011	Metal	Selenium	Dissolved	=	51.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Selenium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Selenium	Dissolved	=	51.9	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Selenium	Dissolved	=	52.1	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Selenium	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Selenium	Dissolved	=	44.1	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Selenium	Dissolved	=	45.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Selenium	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Selenium	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Selenium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Selenium	Dissolved	=	49.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Selenium	Dissolved	=	49	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Selenium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Selenium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Selenium	Total	=	51.7	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Selenium	Total	=	50.7	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Selenium	Total	=	48.8	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Selenium	Total	=	51.2	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	Lab	LCS	10/12/2011	Metal	Selenium	Total	=	51.7	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Selenium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	Lab	method blank	10/12/2011	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	Lab	LCS	10/19/2011	Metal	Selenium	Total	=	51.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Selenium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Selenium	Total	=	51.9	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Selenium	Total	=	52.1	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Selenium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Selenium	Total	=	44.1	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Selenium	Total	=	45.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Selenium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Selenium	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Selenium	Total	=	49	µg/L	EPA 200.8	0.28	0.4			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Silver	Dissolved	=	49.1	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Silver	Dissolved	=	48.1	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Silver	Dissolved	=	48.4	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Silver	Dissolved	=	48.1	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Silver	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Silver	Dissolved	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Silver	Dissolved	=	49.9	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	Lab	LCS	10/12/2011	Metal	Silver	Dissolved	=	49.9	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Silver	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Silver	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	Lab	method blank	10/12/2011	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	Lab	LCS	10/19/2011	Metal	Silver	Dissolved	=	49.7	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Silver	Dissolved	=	49	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Silver	Dissolved	=	48.6	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Silver	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Silver	Dissolved	=	48.3	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Silver	Dissolved	=	48.1	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Silver	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Silver	Dissolved	=	50.3	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Silver	Dissolved	=	50.5	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Silver	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Silver	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Silver	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.027	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	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Silver	Total	=	48.4	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Silver	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Silver	Total	=	49.9	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	Lab	LCS	10/12/2011	Metal	Silver	Total	=	49.9	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	Lab	method blank	10/12/2011	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	Lab	LCS	10/19/2011	Metal	Silver	Total	=	49.7	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Silver	Total	=	49	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Silver	Total	=	48.6	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Silver	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Silver	Total	=	48.3	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Silver	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Silver	Total	=	50.3	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Silver	Total	=	50.5	µg/L	EPA 200.8	0.027	0.2			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Silver	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Thallium	Dissolved	=	49.3	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Thallium	Dissolved	=	52.1	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Thallium	Dissolved	=	48.7	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Thallium	Dissolved	=	51.8	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Thallium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Thallium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Thallium	Dissolved	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Thallium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Thallium	Dissolved	=	47.9	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	Lab	LCS	10/12/2011	Metal	Thallium	Dissolved	=	49.2	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Thallium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	method blank	10/12/2011	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	Lab	method blank	10/12/2011	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	Lab	LCS	10/19/2011	Metal	Thallium	Dissolved	=	49.4	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Thallium	Dissolved	=	49.7	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Thallium	Dissolved	=	49.8	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Thallium	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Thallium	Dissolved	=	50.1	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Thallium	Dissolved	=	49.7	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Thallium	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Thallium	Dissolved	=	50.2	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Thallium	Dissolved	=	50.3	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Thallium	Dissolved	=	0.1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Thallium	Total	=	49.3	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Thallium	Total	=	52.1	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Thallium	Total	=	48.7	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Thallium	Total	=	51.8	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Thallium	Total	=	49.2	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	Lab	LCS	10/12/2011	Metal	Thallium	Total	=	47.9	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	Lab	method blank	10/12/2011	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	Lab	LCS	10/19/2011	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Thallium	Total	=	49.8	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Thallium	Total	=	50.1	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Thallium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Thallium	Total	=	50.3	µg/L	EPA 200.8	0.009	0.2			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Thallium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Zinc	Dissolved	=	99.6	µg/L	EPA 200.8	1.1	5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Zinc	Dissolved	=	49.8	µg/L	EPA 200.8	1.1	5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Zinc	Dissolved	=	49.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Zinc	Dissolved	=	97.5	µg/L	EPA 200.8	1.1	5			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Zinc	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Zinc	Dissolved	=	115	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Zinc	Dissolved	=	119	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Zinc	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Zinc	Dissolved	=	51.7	µg/L	EPA 200.8	1.1	5			
2011/12-1	Lab	LCS	10/12/2011	Metal	Zinc	Dissolved	=	50.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	Lab	method blank	10/12/2011	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	Lab	LCS	10/19/2011	Metal	Zinc	Dissolved	=	52.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Zinc	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Zinc	Total	=	99.6	µg/L	EPA 200.8	1.1	5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Metal	Zinc	Total	=	49.8	µg/L	EPA 200.8	1.1	5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Zinc	Total	=	97.5	µg/L	EPA 200.8	1.1	5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Metal	Zinc	Total	=	49.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-1	Lab	LCS	10/12/2011	Metal	Zinc	Total	=	50.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	Lab	LCS	10/12/2011	Metal	Zinc	Total	=	51.7	µg/L	EPA 200.8	1.1	5			
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	LCS, rec	10/12/2011	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/12/2011	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	Lab	method blank	10/12/2011	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	Lab	LCS	10/19/2011	Metal	Zinc	Total	=	52.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	Lab	LCS, rec	10/19/2011	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-1	Lab	method blank	10/19/2011	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-1	MO-FIL	matrix spike	10/12/2011	Metal	Zinc	Total	=	121	µg/L	EPA 200.8	1.1	5			
2011/12-1	MO-FIL	matrix spike dup	10/12/2011	Metal	Zinc	Total	=	120	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	
2011/12-1	MO-FIL	matrix spike dup, rec	10/12/2011	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, rec	10/12/2011	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-FIL	matrix spike, RPD	10/12/2011	Metal	Zinc	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-MPK	matrix spike	10/12/2011	Metal	Zinc	Total	=	342	µg/L	EPA 200.8	1.1	5			GB
2011/12-1	MO-MPK	matrix spike dup	10/12/2011	Metal	Zinc	Total	=	349	µg/L	EPA 200.8	1.1	5			
2011/12-1	MO-MPK	matrix spike dup, rec	10/12/2011	Metal	Zinc	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-MPK	matrix spike, rec	10/12/2011	Metal	Zinc	Total	=	69	%	EPA 200.8	-88	-88	70	130	GB
2011/12-1	MO-MPK	matrix spike, RPD	10/12/2011	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-1	MO-OXN	matrix spike	10/12/2011	Metal	Zinc	Total	=	414	µg/L	EPA 200.8	1.1	5			
2011/12-1	MO-OXN	matrix spike dup	10/12/2011	Metal	Zinc	Total	=	417	µg/L	EPA 200.8	1.1	5			
2011/12-1	MO-OXN	matrix spike dup, rec	10/12/2011	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, rec	10/12/2011	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-1	MO-OXN	matrix spike, RPD	10/12/2011	Metal	Zinc	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/12/2011	Nutrient	Ammonia as N	n/a	=	0.979	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	000NONPJ	matrix spike	10/12/2011	Nutrient	Ammonia as N	n/a	=	1.36	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/12/2011	Nutrient	Ammonia as N	n/a	=	1.36	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/12/2011	Nutrient	Ammonia as N	n/a	=	0.978	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/12/2011	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike dup, rec	10/12/2011	Nutrient	Ammonia as N	n/a	=	95	%	EPA 350.1	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/12/2011	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/12/2011	Nutrient	Ammonia as N	n/a	=	95	%	EPA 350.1	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, RPD	10/12/2011	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	
2011/12-1	000NONPJ	matrix spike, RPD	10/12/2011	Nutrient	Ammonia as N	n/a	=	0.1	%	EPA 350.1	-88	-88	0	15	
2011/12-1	Lab	LCS	10/12/2011	Nutrient	Ammonia as N	n/a	=	0.986	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	Lab	LCS, rec	10/12/2011	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2011/12-1	Lab	method blank	10/12/2011	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	Lab	LCS	10/18/2011	Nutrient	Ammonia as N	n/a	=	1.02	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	Lab	LCS, rec	10/18/2011	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2011/12-1	Lab	method blank	10/18/2011	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	ME-CC	matrix spike	10/18/2011	Nutrient	Ammonia as N	n/a	=	1.66	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Nutrient	Ammonia as N	n/a	=	1.66	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	
2011/12-1	ME-SCR	matrix spike	10/18/2011	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	ME-SCR	matrix spike dup	10/18/2011	Nutrient	Ammonia as N	n/a	=	1.06	mg/L	EPA 350.1	0.048	0.1			
2011/12-1	ME-SCR	matrix spike dup, rec	10/18/2011	Nutrient	Ammonia as N	n/a	=	92	%	EPA 350.1	-88	-88	90	110	
2011/12-1	ME-SCR	matrix spike, rec	10/18/2011	Nutrient	Ammonia as N	n/a	=	90	%	EPA 350.1	-88	-88	90	110	
2011/12-1	ME-SCR	matrix spike, RPD	10/18/2011	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2011/12-1	000NONPJ	matrix spike	10/7/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	2.99	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/7/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	2.98	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/7/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	109	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/7/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	110	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, RPD	10/7/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	2.44	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	000NONPJ	matrix spike	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	2.43	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	2.47	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	
2011/12-1	000NONPJ	matrix spike dup	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	2.46	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike dup, rec	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, RPD	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	0.7	%	EPA 353.2	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	2.07	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	000NONPJ	matrix spike	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	5.75	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	5.74	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	2.09	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike dup, rec	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, RPD	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2011/12-1	000NONPJ	matrix spike, RPD	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2011/12-1	Lab	LCS	10/7/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	1.05	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	Lab	LCS, rec	10/7/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2011/12-1	Lab	method blank	10/7/2011	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	Lab	LCS	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	Lab	LCS, rec	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2011/12-1	Lab	method blank	10/18/2011	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.015	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	Lab	LCS	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	0.972	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	Lab	LCS, rec	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2011/12-1	Lab	method blank	10/20/2011	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-1	000NONPJ	matrix spike	10/7/2011	Nutrient	Nitrate as N	n/a	=	2.95	mg/L	EPA 353.2	0.041	0.1			
2011/12-1	000NONPJ	matrix spike dup	10/7/2011	Nutrient	Nitrate as N	n/a	=	2.94	mg/L	EPA 353.2	0.041	0.1			
2011/12-1	000NONPJ	matrix spike dup, rec	10/7/2011	Nutrient	Nitrate as N	n/a	=	109	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/7/2011	Nutrient	Nitrate as N	n/a	=	110	%	EPA 353.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, RPD	10/7/2011	Nutrient	Nitrate as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2011/12-1	Lab	LCS	10/7/2011	Nutrient	Nitrate as N	n/a	=	1.05	mg/L	EPA 353.2	0.041	0.1			
2011/12-1	Lab	LCS, rec	10/7/2011	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2011/12-1	Lab	method blank	10/7/2011	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	0.0508	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	0.0489	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	4	%	EPA 365.1	-88	-88	0	10	
2011/12-1	Lab	LCS	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	0.0478	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	96	%	EPA 365.1	-88	-88	90	110	
2011/12-1	Lab	method blank	10/19/2011	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	0.404	mg/L	EPA 365.1	0.0056	0.04			D
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	0.404	mg/L	EPA 365.1	0.0056	0.04			D
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	94	%	EPA 365.1	-88	-88	90	110	D
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	94	%	EPA 365.1	-88	-88	90	110	D
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Nutrient	Phosphorus as P	Dissolved	=	0	%	EPA 365.1	-88	-88	0	10	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	
2011/12-1	000NONPJ	matrix spike	10/14/2011	Nutrient	Phosphorus as P	Total	=	0.0531	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	000NONPJ	matrix spike dup	10/14/2011	Nutrient	Phosphorus as P	Total	=	0.0526	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	000NONPJ	matrix spike dup, rec	10/14/2011	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/14/2011	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, RPD	10/14/2011	Nutrient	Phosphorus as P	Total	=	0.9	%	EPA 365.1	-88	-88	0	10	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Nutrient	Phosphorus as P	Total	=	0.294	mg/L	EPA 365.1	0.0028	0.02			D
2011/12-1	000NONPJ	matrix spike	10/19/2011	Nutrient	Phosphorus as P	Total	=	0.0506	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Nutrient	Phosphorus as P	Total	=	0.288	mg/L	EPA 365.1	0.0028	0.02			D,GB
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Nutrient	Phosphorus as P	Total	=	0.0512	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Nutrient	Phosphorus as P	Total	=	88	%	EPA 365.1	-88	-88	90	110	D,GB
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Nutrient	Phosphorus as P	Total	=	97	%	EPA 365.1	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	D
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	10	D
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	
2011/12-1	Lab	LCS	10/14/2011	Nutrient	Phosphorus as P	Total	=	0.051	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	Lab	LCS, rec	10/14/2011	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2011/12-1	Lab	method blank	10/14/2011	Nutrient	Phosphorus as P	Total	DNQ	0.0018	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	Lab	LCS	10/19/2011	Nutrient	Phosphorus as P	Total	=	0.0514	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Nutrient	Phosphorus as P	Total	=	103	%	EPA 365.1	-88	-88	90	110	
2011/12-1	Lab	method blank	10/19/2011	Nutrient	Phosphorus as P	Total	DNQ	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-1	000NONPJ	matrix spike	10/17/2011	Nutrient	TKN	n/a	=	0.96	mg/L	EPA 351.2	0.074	0.1			
2011/12-1	000NONPJ	matrix spike	10/17/2011	Nutrient	TKN	n/a	=	0.422	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-1	000NONPJ	matrix spike dup	10/17/2011	Nutrient	TKN	n/a	=	0.872	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-1	000NONPJ	matrix spike dup	10/17/2011	Nutrient	TKN	n/a	=	0.524	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-1	000NONPJ	matrix spike dup, rec	10/17/2011	Nutrient	TKN	n/a	=	87	%	EPA 351.2	-88	-88	90	110	GB
2011/12-1	000NONPJ	matrix spike dup, rec	10/17/2011	Nutrient	TKN	n/a	=	52	%	EPA 351.2	-88	-88	90	110	GB
2011/12-1	000NONPJ	matrix spike, rec	10/17/2011	Nutrient	TKN	n/a	=	42	%	EPA 351.2	-88	-88	90	110	GB
2011/12-1	000NONPJ	matrix spike, rec	10/17/2011	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2011/12-1	000NONPJ	matrix spike, RPD	10/17/2011	Nutrient	TKN	n/a	=	10	%	EPA 351.2	-88	-88	0	15	
2011/12-1	000NONPJ	matrix spike, RPD	10/17/2011	Nutrient	TKN	n/a	=	22	%	EPA 351.2	-88	-88	0	15	IL
2011/12-1	000NONPJ	matrix spike	10/20/2011	Nutrient	TKN	n/a	=	0.366	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-1	000NONPJ	matrix spike	10/20/2011	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-1	000NONPJ	matrix spike dup	10/20/2011	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-1	000NONPJ	matrix spike dup	10/20/2011	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-1	000NONPJ	matrix spike dup, rec	10/20/2011	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	90	110	GB
2011/12-1	000NONPJ	matrix spike dup, rec	10/20/2011	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	90	110	GB
2011/12-1	000NONPJ	matrix spike, rec	10/20/2011	Nutrient	TKN	n/a	=	37	%	EPA 351.2	-88	-88	90	110	GB
2011/12-1	000NONPJ	matrix spike, rec	10/20/2011	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	90	110	GB
2011/12-1	000NONPJ	matrix spike, RPD	10/20/2011	Nutrient	TKN	n/a	=	200	%	EPA 351.2	-88	-88	0	15	IL
2011/12-1	000NONPJ	matrix spike, RPD	10/20/2011	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	0	15	
2011/12-1	Lab	LCS	10/17/2011	Nutrient	TKN	n/a	=	0.986	mg/L	EPA 351.2	0.074	0.1			
2011/12-1	Lab	LCS, rec	10/17/2011	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2011/12-1	Lab	method blank	10/17/2011	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2011/12-1	Lab	LCS	10/20/2011	Nutrient	TKN	n/a	=	0.994	mg/L	EPA 351.2	0.074	0.1			
2011/12-1	Lab	LCS, rec	10/20/2011	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2011/12-1	Lab	method blank	10/20/2011	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS dup	10/19/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	40.8	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	44	142	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	38	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	44	142	
2011/12-1	Lab	LCS	10/29/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	36.7	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	36	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	44	142	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	44	142	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	1,2-Dichlorobenzene	n/a	=	38.6	µg/L	EPA 625	0.57	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	32	129	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	1,2-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	1,2-Dichlorobenzene	n/a	=	36.4	µg/L	EPA 625	0.57	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	1,2-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	32	129	
2011/12-1	Lab	LCS	10/29/2011	Organic	1,2-Dichlorobenzene	n/a	=	39.2	µg/L	EPA 625	0.57	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	1,2-Dichlorobenzene	n/a	=	36.8	µg/L	EPA 625	0.57	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	1,2-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	32	129	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	32	129	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	1,2-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-1	Lab	srgt LCS	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.5	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	10	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	srgt LCS, rec	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	105	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	srgt method blank	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.05	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	srgt LCS	10/10/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.93	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/10/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.82	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/10/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	srgt LCS, rec	10/10/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	srgt method blank	10/10/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.16	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/10/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2011/12-1	ME-CC	srgt environ	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.98	µg/L	EPA 524.2	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2011/12-1	ME-SCR	srgt environ	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.93	µg/L	EPA 524.2	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	89	%	EPA 524.2	-88	-88	70	130	
2011/12-1	ME-VR2	srgt environ	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.62	µg/L	EPA 524.2	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	86	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-CAM	srgt environ	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.1	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	91	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-FIL	srgt environ	10/11/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.98	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/11/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-HUE	srgt environ	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.46	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	
2011/12-1	MO-HUE	srgt environ, rec	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	95	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-MEI	srgt environ	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.11	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-MEI	srgt environ, rec	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	91	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-MPK	srgt environ	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.57	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	76	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-OJA	srgt environ	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.83	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-OJA	srgt environ, rec	10/6/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-OXN	srgt environ	10/11/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.1	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-OXN	srgt environ, rec	10/11/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	101	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-SIM	srgt environ	10/11/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.96	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-SIM	srgt environ, rec	10/11/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-SPA	srgt environ	10/11/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	10	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-SPA	srgt environ, rec	10/11/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-THO	srgt environ	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.36	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-THO	srgt environ, rec	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-VEN	srgt environ	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.25	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-VEN	srgt environ, rec	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-VEN	srgt field duplicate	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.25	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-VEN	srgt field duplicate, rec	10/7/2011	Organic	1,2-Dichlorobenzene-d4	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-1	Lab	method blank	10/29/2011	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	1,3-Dichlorobenzene	n/a	=	34.5	µg/L	EPA 625	0.53	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	1,3-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	0.1	172	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	1,3-Dichlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	1,3-Dichlorobenzene	n/a	=	33.2	µg/L	EPA 625	0.53	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	1,3-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	0.1	172	
2011/12-1	Lab	LCS	10/29/2011	Organic	1,3-Dichlorobenzene	n/a	=	36.3	µg/L	EPA 625	0.53	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	1,3-Dichlorobenzene	n/a	=	34	µg/L	EPA 625	0.53	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	1,3-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	0.1	172	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	1,3-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	0.1	172	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	1,3-Dichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-1	Lab	srgt LCS	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.515	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt method blank	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.515	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt LCS	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.537	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.495	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt LCS, rec	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt method blank	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.513	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.525	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.7	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.531	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	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	
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt method blank	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.032	µg/L	EPA 525.2	-88	-88			GN
2011/12-1	Lab	srgt method blank	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt method blank, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6	%	EPA 525.2	-88	-88	73	136	GN
2011/12-1	Lab	srgt LCS	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt LCS dup, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt LCS, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt LCS, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt method blank	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt method blank, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt LCS	11/4/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	11/4/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.81	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	11/4/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt LCS, rec	11/4/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	srgt method blank	11/4/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.81	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	11/4/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2011/12-1	ME-CC	srgt environ	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.509	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-1	ME-CC	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2011/12-1	ME-SCR	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.579	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2	-88	-88	73	136	
2011/12-1	ME-SCR	srgt environ	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.4	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-1	ME-VR2	srgt environ	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.569	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	136	
2011/12-1	ME-VR2	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-CAM	srgt environ	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.569	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-CAM	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.14	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-CAM	srgt environ	11/4/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	48.5	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	11/4/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-FIL	srgt environ	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.535	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-FIL	srgt matrix spike	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.515	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-FIL	srgt matrix spike dup	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.53	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-FIL	srgt matrix spike dup, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	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	
2011/12-1	MO-FIL	srgt matrix spike, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-FIL	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-HUE	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.613	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	123	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-HUE	srgt environ	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.1	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-MEI	srgt environ	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.522	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MEI	srgt environ, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-MEI	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MEI	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-MPK	srgt environ	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.548	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-MPK	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-MPK	srgt environ	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-OJA	srgt environ	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.521	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-OJA	srgt environ, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-OJA	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	9.78	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-OJA	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-OXN	srgt environ	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.539	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-OXN	srgt environ, rec	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-OXN	srgt environ	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.94	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-OXN	srgt environ, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-SIM	srgt environ	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.523	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-SIM	srgt environ, rec	10/19/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-SIM	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.05	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-SIM	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-SPA	srgt environ	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.552	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-SPA	srgt environ, rec	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-SPA	srgt environ	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.57	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-SPA	srgt environ, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-THO	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-THO	srgt environ	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.554	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-THO	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-THO	srgt environ, rec	10/21/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-VEN	srgt environ	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.551	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-VEN	srgt environ, rec	10/20/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2011/12-1	MO-VEN	srgt environ	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-VEN	srgt environ, rec	10/27/2011	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-1	Lab	LCS dup	10/19/2011	Organic	1,4-Dichlorobenzene	n/a	=	36.6	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	1,4-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	20	124	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	1,4-Dichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	1,4-Dichlorobenzene	n/a	=	34.1	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	1,4-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	20	124	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS	10/29/2011	Organic	1,4-Dichlorobenzene	n/a	=	36.8	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	1,4-Dichlorobenzene	n/a	=	35.3	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	1,4-Dichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	20	124	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	1,4-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	20	124	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	1,4-Dichlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-1	Lab	method blank	10/24/2011	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2011/12-1	Lab	method blank	10/25/2011	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2011/12-1	Lab	srgt LCS dup	10/19/2011	Organic	2,4,6-Tribromophenol	n/a	=	93.3	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/19/2011	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625	-88	-88	0.1	157	
2011/12-1	Lab	srgt method blank	10/19/2011	Organic	2,4,6-Tribromophenol	n/a	=	94.1	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/19/2011	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 625	-88	-88	0.1	157	
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	2,4,6-Tribromophenol	n/a	=	88.6	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625	-88	-88	0.1	157	
2011/12-1	Lab	srgt LCS	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	19.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	19.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	99	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	Lab	srgt LCS, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	Lab	srgt method blank	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	19	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	Lab	srgt LCS	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	12.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	12	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	Lab	srgt method blank	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	9.67	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	48	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	Lab	srgt LCS	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	78.8	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	82.3	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	0.1	157	
2011/12-1	Lab	srgt LCS, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	0.1	157	
2011/12-1	Lab	srgt method blank	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	64.1	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	0.1	157	
2011/12-1	ME-CC	srgt environ	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	19.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	ME-CC	srgt environ	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	75.3	µg/L	EPA 625	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	0.1	157	
2011/12-1	ME-SCR	srgt environ	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	11.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	ME-VR2	srgt environ	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	17.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	ME-VR2	srgt environ	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	68.1	µg/L	EPA 625	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	0.1	157	
2011/12-1	MO-CAM	srgt environ	10/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	82	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-CAM	srgt environ, rec	10/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	0.1	157	D
2011/12-1	MO-CAM	srgt environ	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	19	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	MO-FIL	srgt environ	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	19.3	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	
2011/12-1	MO-FIL	srgt environ, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	MO-FIL	srgt environ	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	81.3	µg/L	EPA 625	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	0.1	157	
2011/12-1	MO-HUE	srgt environ	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	12.8	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-HUE	srgt environ, rec	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270Cm	-88	-88	44	115	D
2011/12-1	MO-HUE	srgt environ	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	48.6	µg/L	EPA 625	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	49	%	EPA 625	-88	-88	0.1	157	
2011/12-1	MO-MEI	srgt environ	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	18.9	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 8270Cm	-88	-88	44	115	D
2011/12-1	MO-MEI	srgt environ	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	89.9	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	0.1	157	D
2011/12-1	MO-MPK	srgt environ	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	17.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270Cm	-88	-88	44	115	
2011/12-1	MO-MPK	srgt environ	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	71.1	µg/L	EPA 625	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	0.1	157	
2011/12-1	MO-OJA	srgt environ	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	19.1	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 8270Cm	-88	-88	44	115	D
2011/12-1	MO-OJA	srgt environ	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	90.2	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625	-88	-88	0.1	157	D
2011/12-1	MO-OXN	srgt environ	10/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	99.5	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 625	-88	-88	0.1	157	D
2011/12-1	MO-OXN	srgt environ	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	20.1	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 8270Cm	-88	-88	44	115	D
2011/12-1	MO-SIM	srgt environ	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	20	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 8270Cm	-88	-88	44	115	D
2011/12-1	MO-SIM	srgt environ	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	84.1	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	0.1	157	D
2011/12-1	MO-SPA	srgt environ	10/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	75	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	0.1	157	D
2011/12-1	MO-SPA	srgt environ	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	20.6	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	103	%	EPA 8270Cm	-88	-88	44	115	D
2011/12-1	MO-THO	srgt environ	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	17.1	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/25/2011	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270Cm	-88	-88	44	115	D
2011/12-1	MO-THO	srgt environ	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	80.6	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/29/2011	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625	-88	-88	0.1	157	D
2011/12-1	MO-VEN	srgt environ	10/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	88.7	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625	-88	-88	0.1	157	D
2011/12-1	MO-VEN	srgt environ	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	21.6	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/24/2011	Organic	2,4,6-Tribromophenol	n/a	=	108	%	EPA 8270Cm	-88	-88	44	115	D
2011/12-1	Lab	LCS	10/24/2011	Organic	2,4,6-Trichlorophenol	n/a	=	9.51	µg/L	EPA 8270Cm	0.3	1			
2011/12-1	Lab	LCS dup	10/24/2011	Organic	2,4,6-Trichlorophenol	n/a	=	10.1	µg/L	EPA 8270Cm	0.3	1			
2011/12-1	Lab	LCS dup, rec	10/24/2011	Organic	2,4,6-Trichlorophenol	n/a	=	101	%	EPA 8270Cm	-88	-88	52	150	
2011/12-1	Lab	LCS, rec	10/24/2011	Organic	2,4,6-Trichlorophenol	n/a	=	95	%	EPA 8270Cm	-88	-88	52	150	
2011/12-1	Lab	LCS, RPD	10/24/2011	Organic	2,4,6-Trichlorophenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/24/2011	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-1	Lab	LCS	10/25/2011	Organic	2,4,6-Trichlorophenol	n/a	=	7.62	µg/L	EPA 8270Cm	0.3	1			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	2,4,6-Trichlorophenol	n/a	=	7.23	µg/L	EPA 8270Cm	0.3	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	2,4,6-Trichlorophenol	n/a	=	72	%	EPA 8270Cm	-88	-88	52	150	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	2,4,6-Trichlorophenol	n/a	=	76	%	EPA 8270Cm	-88	-88	52	150	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-1	Lab	LCS	10/24/2011	Organic	2,4-Dichlorophenol	n/a	=	8.9	µg/L	EPA 8270Cm	0.51	1			
2011/12-1	Lab	LCS dup	10/24/2011	Organic	2,4-Dichlorophenol	n/a	=	9.27	µg/L	EPA 8270Cm	0.51	1			
2011/12-1	Lab	LCS dup, rec	10/24/2011	Organic	2,4-Dichlorophenol	n/a	=	93	%	EPA 8270Cm	-88	-88	53	106	
2011/12-1	Lab	LCS, rec	10/24/2011	Organic	2,4-Dichlorophenol	n/a	=	89	%	EPA 8270Cm	-88	-88	53	106	
2011/12-1	Lab	LCS, RPD	10/24/2011	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/24/2011	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2011/12-1	Lab	LCS	10/25/2011	Organic	2,4-Dichlorophenol	n/a	=	7.1	µg/L	EPA 8270Cm	0.51	1			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	2,4-Dichlorophenol	n/a	=	6.85	µg/L	EPA 8270Cm	0.51	1			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	2,4-Dichlorophenol	n/a	=	68	%	EPA 8270Cm	-88	-88	53	106	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	2,4-Dichlorophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	53	106	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2011/12-1	RC pipe at MPK -	srgt environ	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.75	µg/L	EPA 515.3	-88	-88			
2011/12-1	RC pipe at MPK -	srgt environ, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-1	RC Pipe at MPK -	srgt environ	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.94	µg/L	EPA 515.3	-88	-88			
2011/12-1	RC Pipe at MPK -	srgt environ, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	srgt LCS	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	srgt method blank	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	srgt LCS	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.85	µg/L	EPA 515.3	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	srgt method blank	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.47	µg/L	EPA 515.3	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	srgt LCS	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.12	µg/L	EPA 515.3	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	srgt method blank	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.92	µg/L	EPA 515.3	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	srgt environ	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	srgt matrix spike	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2011/12-1	ME-CC	srgt matrix spike dup	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2011/12-1	ME-CC	srgt matrix spike dup, rec	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	srgt matrix spike, rec	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-SCR	srgt environ	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.52	µg/L	EPA 515.3	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-VR2	srgt environ	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.68	µg/L	EPA 515.3	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	srgt environ	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	srgt matrix spike	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-CAM	srgt matrix spike dup	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-CAM	srgt matrix spike dup, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	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	
2011/12-1	MO-CAM	srgt matrix spike, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-FIL	srgt environ	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.65	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	srgt environ	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.45	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	srgt matrix spike	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.66	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-HUE	srgt matrix spike dup	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.49	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-HUE	srgt matrix spike dup, rec	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	srgt matrix spike, rec	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-MEI	srgt environ	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-MEI	srgt environ, rec	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-MPK	srgt environ	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2011/12-1	-MPK Upstream at	srgt environ	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2011/12-1	-MPK Upstream at	srgt environ, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-OJA	srgt environ	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.93	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-OJA	srgt environ, rec	10/18/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-OXN	srgt environ	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-OXN	srgt environ, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-SIM	srgt environ	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.7	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-SIM	srgt environ, rec	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-SPA	srgt environ	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.9	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-SPA	srgt environ, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	129	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-THO	srgt environ	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-THO	srgt environ, rec	10/19/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-VEN	srgt environ	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.84	µg/L	EPA 515.3	-88	-88			
2011/12-1	MO-VEN	srgt environ, rec	10/13/2011	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	LCS	10/24/2011	Organic	2,4-Dimethylphenol	n/a	=	9.28	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup	10/24/2011	Organic	2,4-Dimethylphenol	n/a	=	9.6	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup, rec	10/24/2011	Organic	2,4-Dimethylphenol	n/a	=	96	%	EPA 8270Cm	-88	-88	21	99	
2011/12-1	Lab	LCS, rec	10/24/2011	Organic	2,4-Dimethylphenol	n/a	=	93	%	EPA 8270Cm	-88	-88	21	99	
2011/12-1	Lab	LCS, RPD	10/24/2011	Organic	2,4-Dimethylphenol	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/24/2011	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS	10/25/2011	Organic	2,4-Dimethylphenol	n/a	=	7.09	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	2,4-Dimethylphenol	n/a	=	6.63	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	2,4-Dimethylphenol	n/a	=	66	%	EPA 8270Cm	-88	-88	21	99	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	2,4-Dimethylphenol	n/a	=	71	%	EPA 8270Cm	-88	-88	21	99	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	2,4-Dimethylphenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS	10/24/2011	Organic	2,4-Dinitrophenol	n/a	=	11.3	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup	10/24/2011	Organic	2,4-Dinitrophenol	n/a	=	11.3	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup, rec	10/24/2011	Organic	2,4-Dinitrophenol	n/a	=	113	%	EPA 8270Cm	-88	-88	2	227	
2011/12-1	Lab	LCS, rec	10/24/2011	Organic	2,4-Dinitrophenol	n/a	=	113	%	EPA 8270Cm	-88	-88	2	227	
2011/12-1	Lab	LCS, RPD	10/24/2011	Organic	2,4-Dinitrophenol	n/a	=	0.5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/24/2011	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS	10/25/2011	Organic	2,4-Dinitrophenol	n/a	=	8.19	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	2,4-Dinitrophenol	n/a	=	8.19	µg/L	EPA 8270Cm	1	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	2,4-Dinitrophenol	n/a	=	82	%	EPA 8270Cm	-88	-88	2	227	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	2,4-Dinitrophenol	n/a	=	82	%	EPA 8270Cm	-88	-88	2	227	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	2,4-Dinitrophenol	n/a	=	0	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	2,4-Dinitrotoluene	n/a	=	52.8	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	2,4-Dinitrotoluene	n/a	=	106	%	EPA 625	-88	-88	39	139	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	2,4-Dinitrotoluene	n/a	=	50.1	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	2,4-Dinitrotoluene	n/a	=	100	%	EPA 625	-88	-88	39	139	
2011/12-1	Lab	LCS	10/29/2011	Organic	2,4-Dinitrotoluene	n/a	=	46.8	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	2,4-Dinitrotoluene	n/a	=	50.8	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	2,4-Dinitrotoluene	n/a	=	102	%	EPA 625	-88	-88	39	139	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	2,4-Dinitrotoluene	n/a	=	94	%	EPA 625	-88	-88	39	139	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	2,4-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	2,6-Dinitrotoluene	n/a	=	50.2	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	2,6-Dinitrotoluene	n/a	=	100	%	EPA 625	-88	-88	50	158	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	2,6-Dinitrotoluene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	2,6-Dinitrotoluene	n/a	=	48.2	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	2,6-Dinitrotoluene	n/a	=	96	%	EPA 625	-88	-88	50	158	
2011/12-1	Lab	LCS	10/29/2011	Organic	2,6-Dinitrotoluene	n/a	=	44.3	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	2,6-Dinitrotoluene	n/a	=	46.7	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	2,6-Dinitrotoluene	n/a	=	93	%	EPA 625	-88	-88	50	158	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	2,6-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	50	158	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	2,6-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS	10/6/2011	Organic	2-Chloroethyl vinyl ether	n/a	=	5.45	µg/L	EPA 524.2	0.61	1			
2011/12-1	Lab	LCS dup	10/6/2011	Organic	2-Chloroethyl vinyl ether	n/a	=	5.54	µg/L	EPA 524.2	0.61	1			
2011/12-1	Lab	LCS dup, rec	10/6/2011	Organic	2-Chloroethyl vinyl ether	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	LCS, rec	10/6/2011	Organic	2-Chloroethyl vinyl ether	n/a	=	91	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	LCS, RPD	10/6/2011	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 524.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/6/2011	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-1	Lab	LCS	10/10/2011	Organic	2-Chloroethyl vinyl ether	n/a	=	5.8	µg/L	EPA 524.2	0.61	1			
2011/12-1	Lab	LCS dup	10/10/2011	Organic	2-Chloroethyl vinyl ether	n/a	=	5.94	µg/L	EPA 524.2	0.61	1			
2011/12-1	Lab	LCS dup, rec	10/10/2011	Organic	2-Chloroethyl vinyl ether	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	LCS, rec	10/10/2011	Organic	2-Chloroethyl vinyl ether	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	LCS, RPD	10/10/2011	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 524.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/10/2011	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-1	MO-VEN	field duplicate	10/7/2011	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	2-Chloronaphthalene	n/a	=	47.6	µg/L	EPA 625	0.45	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	2-Chloronaphthalene	n/a	=	95	%	EPA 625	-88	-88	60	118	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	2-Chloronaphthalene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	2-Chloronaphthalene	n/a	=	43.1	µg/L	EPA 625	0.45	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	2-Chloronaphthalene	n/a	=	86	%	EPA 625	-88	-88	60	118	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS	10/29/2011	Organic	2-Chloronaphthalene	n/a	=	40.8	µg/L	EPA 625	0.45	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	2-Chloronaphthalene	n/a	=	41	µg/L	EPA 625	0.45	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	2-Chloronaphthalene	n/a	=	82	%	EPA 625	-88	-88	60	118	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	2-Chloronaphthalene	n/a	=	82	%	EPA 625	-88	-88	60	118	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	2-Chloronaphthalene	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-1	Lab	LCS	10/24/2011	Organic	2-Chlorophenol	n/a	=	7.7	µg/L	EPA 8270Cm	0.65	1			
2011/12-1	Lab	LCS dup	10/24/2011	Organic	2-Chlorophenol	n/a	=	8.05	µg/L	EPA 8270Cm	0.65	1			
2011/12-1	Lab	LCS dup, rec	10/24/2011	Organic	2-Chlorophenol	n/a	=	80	%	EPA 8270Cm	-88	-88	46	92	
2011/12-1	Lab	LCS, rec	10/24/2011	Organic	2-Chlorophenol	n/a	=	77	%	EPA 8270Cm	-88	-88	46	92	
2011/12-1	Lab	LCS, RPD	10/24/2011	Organic	2-Chlorophenol	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/24/2011	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2011/12-1	Lab	LCS	10/25/2011	Organic	2-Chlorophenol	n/a	=	7.06	µg/L	EPA 8270Cm	0.65	1			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	2-Chlorophenol	n/a	=	6.47	µg/L	EPA 8270Cm	0.65	1			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	2-Chlorophenol	n/a	=	65	%	EPA 8270Cm	-88	-88	46	92	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	2-Chlorophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	46	92	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	2-Chlorophenol	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2011/12-1	Lab	srgt LCS dup	10/19/2011	Organic	2-Fluorobiphenyl	n/a	=	45.3	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/19/2011	Organic	2-Fluorobiphenyl	n/a	=	91	%	EPA 625	-88	-88	22	130	
2011/12-1	Lab	srgt method blank	10/19/2011	Organic	2-Fluorobiphenyl	n/a	=	45.2	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/19/2011	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625	-88	-88	22	130	
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	2-Fluorobiphenyl	n/a	=	40.1	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	130	
2011/12-1	Lab	srgt LCS	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	8	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	7.99	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	7.38	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	8.26	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	Lab	srgt method blank	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	8.37	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	7.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	Lab	srgt method blank, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	Lab	srgt LCS	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	38.5	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	39.3	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	130	
2011/12-1	Lab	srgt LCS, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	130	
2011/12-1	Lab	srgt method blank	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	32.6	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	130	
2011/12-1	ME-CC	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	8.11	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	ME-CC	srgt environ	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	38.3	µg/L	EPA 625	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	130	
2011/12-1	ME-SCR	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	7.71	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	
2011/12-1	ME-SCR	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	ME-VR2	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	6.52	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	ME-VR2	srgt environ	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	32.6	µg/L	EPA 625	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	130	
2011/12-1	MO-CAM	srgt environ	10/20/2011	Organic	2-Fluorobiphenyl	n/a	=	37.3	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-CAM	srgt environ, rec	10/20/2011	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	130	D
2011/12-1	MO-CAM	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	8.29	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	MO-FIL	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	8.32	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	MO-FIL	srgt environ	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	39.7	µg/L	EPA 625	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	130	
2011/12-1	MO-HUE	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	6.8	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-HUE	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270Cm	-88	-88	51	139	D
2011/12-1	MO-HUE	srgt environ	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	22	µg/L	EPA 625	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	44	%	EPA 625	-88	-88	22	130	
2011/12-1	MO-MEI	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	6.1	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270Cm	-88	-88	51	139	D
2011/12-1	MO-MEI	srgt environ	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	44.8	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	130	D
2011/12-1	MO-MPK	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	7.51	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270Cm	-88	-88	51	139	
2011/12-1	MO-MPK	srgt environ	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	35.8	µg/L	EPA 625	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	130	
2011/12-1	MO-OJA	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	6	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270Cm	-88	-88	51	139	D
2011/12-1	MO-OJA	srgt environ	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	44.3	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	130	D
2011/12-1	MO-OXN	srgt environ	10/20/2011	Organic	2-Fluorobiphenyl	n/a	=	45.9	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/20/2011	Organic	2-Fluorobiphenyl	n/a	=	92	%	EPA 625	-88	-88	22	130	D
2011/12-1	MO-OXN	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	6.4	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270Cm	-88	-88	51	139	D
2011/12-1	MO-SIM	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	7.2	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270Cm	-88	-88	51	139	D
2011/12-1	MO-SIM	srgt environ	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	47.5	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625	-88	-88	22	130	D
2011/12-1	MO-SPA	srgt environ	10/20/2011	Organic	2-Fluorobiphenyl	n/a	=	33.8	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/20/2011	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	130	D
2011/12-1	MO-SPA	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	7.4	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270Cm	-88	-88	51	139	D
2011/12-1	MO-THO	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	6.2	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270Cm	-88	-88	51	139	D
2011/12-1	MO-THO	srgt environ	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	42.2	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/29/2011	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	130	D
2011/12-1	MO-VEN	srgt environ	10/20/2011	Organic	2-Fluorobiphenyl	n/a	=	43.9	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/20/2011	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625	-88	-88	22	130	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	
2011/12-1	MO-VEN	srgt environ	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	7.2	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/25/2011	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270Cm	-88	-88	51	139	D
2011/12-1	Lab	srgt LCS dup	10/19/2011	Organic	2-Fluorophenol	n/a	=	47	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/19/2011	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	6	96	
2011/12-1	Lab	srgt method blank	10/19/2011	Organic	2-Fluorophenol	n/a	=	58.9	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/19/2011	Organic	2-Fluorophenol	n/a	=	59	%	EPA 625	-88	-88	6	96	
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	2-Fluorophenol	n/a	=	42.7	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	6	96	
2011/12-1	Lab	srgt LCS	10/24/2011	Organic	2-Fluorophenol	n/a	=	11.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/24/2011	Organic	2-Fluorophenol	n/a	=	11.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	Lab	srgt LCS, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	Lab	srgt method blank	10/24/2011	Organic	2-Fluorophenol	n/a	=	13.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	68	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	Lab	srgt LCS	10/25/2011	Organic	2-Fluorophenol	n/a	=	10	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	Organic	2-Fluorophenol	n/a	=	9.04	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	Lab	srgt method blank	10/25/2011	Organic	2-Fluorophenol	n/a	=	10.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/25/2011	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	Lab	srgt LCS	10/29/2011	Organic	2-Fluorophenol	n/a	=	53.6	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/29/2011	Organic	2-Fluorophenol	n/a	=	50.1	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625	-88	-88	6	96	
2011/12-1	Lab	srgt LCS, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	6	96	
2011/12-1	Lab	srgt method blank	10/29/2011	Organic	2-Fluorophenol	n/a	=	46.4	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	6	96	
2011/12-1	ME-CC	srgt environ	10/24/2011	Organic	2-Fluorophenol	n/a	=	12.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	61	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	ME-CC	srgt environ	10/29/2011	Organic	2-Fluorophenol	n/a	=	48	µg/L	EPA 625	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	6	96	
2011/12-1	ME-SCR	srgt environ	10/25/2011	Organic	2-Fluorophenol	n/a	=	11.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/25/2011	Organic	2-Fluorophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	ME-VR2	srgt environ	10/24/2011	Organic	2-Fluorophenol	n/a	=	10.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	ME-VR2	srgt environ	10/29/2011	Organic	2-Fluorophenol	n/a	=	45.4	µg/L	EPA 625	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	6	96	
2011/12-1	MO-CAM	srgt environ	10/20/2011	Organic	2-Fluorophenol	n/a	=	44.7	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-CAM	srgt environ, rec	10/20/2011	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	6	96	D
2011/12-1	MO-CAM	srgt environ	10/24/2011	Organic	2-Fluorophenol	n/a	=	13.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	65	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	MO-FIL	srgt environ	10/24/2011	Organic	2-Fluorophenol	n/a	=	13	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	65	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	MO-FIL	srgt environ	10/29/2011	Organic	2-Fluorophenol	n/a	=	54.7	µg/L	EPA 625	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	6	96	
2011/12-1	MO-HUE	srgt environ	10/25/2011	Organic	2-Fluorophenol	n/a	=	14.1	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-HUE	srgt environ, rec	10/25/2011	Organic	2-Fluorophenol	n/a	=	70	%	EPA 8270Cm	-88	-88	24	82	D
2011/12-1	MO-HUE	srgt environ	10/29/2011	Organic	2-Fluorophenol	n/a	=	35.6	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	
2011/12-1	MO-HUE	srgt environ, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	6	96	
2011/12-1	MO-MEI	srgt environ	10/24/2011	Organic	2-Fluorophenol	n/a	=	9.8	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	24	82	D
2011/12-1	MO-MEI	srgt environ	10/29/2011	Organic	2-Fluorophenol	n/a	=	55.6	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625	-88	-88	6	96	D
2011/12-1	MO-MPK	srgt environ	10/25/2011	Organic	2-Fluorophenol	n/a	=	10.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/25/2011	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270Cm	-88	-88	24	82	
2011/12-1	MO-MPK	srgt environ	10/29/2011	Organic	2-Fluorophenol	n/a	=	43.3	µg/L	EPA 625	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	6	96	
2011/12-1	MO-OJA	srgt environ	10/24/2011	Organic	2-Fluorophenol	n/a	=	9.9	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	24	82	D
2011/12-1	MO-OJA	srgt environ	10/29/2011	Organic	2-Fluorophenol	n/a	=	62.9	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	60	%	EPA 625	-88	-88	6	96	D
2011/12-1	MO-OXN	srgt environ	10/20/2011	Organic	2-Fluorophenol	n/a	=	46.4	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/20/2011	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	6	96	D
2011/12-1	MO-OXN	srgt environ	10/24/2011	Organic	2-Fluorophenol	n/a	=	10.2	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270Cm	-88	-88	24	82	D
2011/12-1	MO-SIM	srgt environ	10/24/2011	Organic	2-Fluorophenol	n/a	=	11.7	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	24	82	D
2011/12-1	MO-SIM	srgt environ	10/29/2011	Organic	2-Fluorophenol	n/a	=	58.4	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	6	96	D
2011/12-1	MO-SPA	srgt environ	10/20/2011	Organic	2-Fluorophenol	n/a	=	37.7	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/20/2011	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	6	96	D
2011/12-1	MO-SPA	srgt environ	10/24/2011	Organic	2-Fluorophenol	n/a	=	12.6	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	63	%	EPA 8270Cm	-88	-88	24	82	D
2011/12-1	MO-THO	srgt environ	10/25/2011	Organic	2-Fluorophenol	n/a	=	8.2	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/25/2011	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	D
2011/12-1	MO-THO	srgt environ	10/29/2011	Organic	2-Fluorophenol	n/a	=	51.6	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/29/2011	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	6	96	D
2011/12-1	MO-VEN	srgt environ	10/20/2011	Organic	2-Fluorophenol	n/a	=	44.1	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/20/2011	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	6	96	D
2011/12-1	MO-VEN	srgt environ	10/24/2011	Organic	2-Fluorophenol	n/a	=	11.4	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/24/2011	Organic	2-Fluorophenol	n/a	=	57	%	EPA 8270Cm	-88	-88	24	82	D
2011/12-1	Lab	method blank	10/24/2011	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2011/12-1	Lab	method blank	10/25/2011	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2011/12-1	Lab	LCS	10/24/2011	Organic	2-Nitrophenol	n/a	=	8.71	µg/L	EPA 8270Cm	0.71	1			
2011/12-1	Lab	LCS dup	10/24/2011	Organic	2-Nitrophenol	n/a	=	9.21	µg/L	EPA 8270Cm	0.71	1			
2011/12-1	Lab	LCS dup, rec	10/24/2011	Organic	2-Nitrophenol	n/a	=	92	%	EPA 8270Cm	-88	-88	48	197	
2011/12-1	Lab	LCS, rec	10/24/2011	Organic	2-Nitrophenol	n/a	=	87	%	EPA 8270Cm	-88	-88	48	197	
2011/12-1	Lab	LCS, RPD	10/24/2011	Organic	2-Nitrophenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/24/2011	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2011/12-1	Lab	LCS	10/25/2011	Organic	2-Nitrophenol	n/a	=	7.05	µg/L	EPA 8270Cm	0.71	1			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	2-Nitrophenol	n/a	=	6.65	µg/L	EPA 8270Cm	0.71	1			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	2-Nitrophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	48	197	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	2-Nitrophenol	n/a	=	70	%	EPA 8270Cm	-88	-88	48	197	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	2-Nitrophenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	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	
2011/12-1	Lab	LCS dup	10/19/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	42	µg/L	EPA 625	1.2	5			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	84	%	EPA 625	-88	-88	0.1	262	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	16	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-1	Lab	LCS	10/21/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	35.7	µg/L	EPA 625	1.2	5			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	71	%	EPA 625	-88	-88	0.1	262	
2011/12-1	Lab	LCS	10/29/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	21.7	µg/L	EPA 625	1.2	5			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	24.3	µg/L	EPA 625	1.2	5			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	49	%	EPA 625	-88	-88	0.1	262	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	43	%	EPA 625	-88	-88	0.1	262	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-1	Lab	method blank	10/24/2011	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-1	Lab	method blank	10/25/2011	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-1	Lab	LCS	10/24/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.73	µg/L	EPA 8270Cm	0.14	1			
2011/12-1	Lab	LCS dup	10/24/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.8	µg/L	EPA 8270Cm	0.14	1			
2011/12-1	Lab	LCS dup, rec	10/24/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	98	%	EPA 8270Cm	-88	-88	56	227	
2011/12-1	Lab	LCS, rec	10/24/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	97	%	EPA 8270Cm	-88	-88	56	227	
2011/12-1	Lab	LCS, RPD	10/24/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/24/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2011/12-1	Lab	LCS	10/25/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5.12	µg/L	EPA 8270Cm	0.14	1			EUM
2011/12-1	Lab	LCS dup	10/25/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5.13	µg/L	EPA 8270Cm	0.14	1			EUM
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	51	%	EPA 8270Cm	-88	-88	56	227	EUM
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	51	%	EPA 8270Cm	-88	-88	56	227	EUM
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2011/12-1	Lab	srgt LCS	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	10.2	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	9.92	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	srgt LCS, rec	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	srgt method blank	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	9.67	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	srgt LCS	10/10/2011	Organic	4-Bromofluorobenzene	n/a	=	9.93	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/10/2011	Organic	4-Bromofluorobenzene	n/a	=	9.87	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/10/2011	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	srgt LCS, rec	10/10/2011	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	srgt method blank	10/10/2011	Organic	4-Bromofluorobenzene	n/a	=	9.65	µg/L	EPA 524.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/10/2011	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 524.2	-88	-88	70	130	
2011/12-1	ME-CC	srgt environ	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	9.67	µg/L	EPA 524.2	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2011/12-1	ME-SCR	srgt environ	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	9.69	µg/L	EPA 524.2	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2011/12-1	ME-VR2	srgt environ	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	9.37	µg/L	EPA 524.2	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-CAM	srgt environ	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	9.76	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-FIL	srgt environ	10/11/2011	Organic	4-Bromofluorobenzene	n/a	=	10.2	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	
2011/12-1	MO-FIL	srgt environ, rec	10/11/2011	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-HUE	srgt environ	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	10.2	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-MEI	srgt environ	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	9.69	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-MEI	srgt environ, rec	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-MPK	srgt environ	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	10.1	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-OJA	srgt environ	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	9.57	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-OJA	srgt environ, rec	10/6/2011	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-OXN	srgt environ	10/11/2011	Organic	4-Bromofluorobenzene	n/a	=	10.2	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-OXN	srgt environ, rec	10/11/2011	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-SIM	srgt environ	10/11/2011	Organic	4-Bromofluorobenzene	n/a	=	10.1	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-SIM	srgt environ, rec	10/11/2011	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-SPA	srgt environ	10/11/2011	Organic	4-Bromofluorobenzene	n/a	=	10.2	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-SPA	srgt environ, rec	10/11/2011	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-THO	srgt environ	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	10.1	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-THO	srgt environ, rec	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-VEN	srgt environ	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	9.82	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-VEN	srgt environ, rec	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2011/12-1	MO-VEN	srgt field duplicate	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	9.86	µg/L	EPA 524.2	-88	-88			
2011/12-1	MO-VEN	srgt field duplicate, rec	10/7/2011	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	LCS dup	10/19/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	41	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	56	127	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	38	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	56	127	
2011/12-1	Lab	LCS	10/29/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	34.6	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	36.9	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	74	%	EPA 625	-88	-88	56	127	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	69	%	EPA 625	-88	-88	56	127	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS	10/24/2011	Organic	4-Chloro-3-methylphenol	n/a	=	8.91	µg/L	EPA 8270Cm	0.37	1			
2011/12-1	Lab	LCS dup	10/24/2011	Organic	4-Chloro-3-methylphenol	n/a	=	9.42	µg/L	EPA 8270Cm	0.37	1			
2011/12-1	Lab	LCS dup, rec	10/24/2011	Organic	4-Chloro-3-methylphenol	n/a	=	94	%	EPA 8270Cm	-88	-88	51	112	
2011/12-1	Lab	LCS, rec	10/24/2011	Organic	4-Chloro-3-methylphenol	n/a	=	89	%	EPA 8270Cm	-88	-88	51	112	
2011/12-1	Lab	LCS, RPD	10/24/2011	Organic	4-Chloro-3-methylphenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/24/2011	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2011/12-1	Lab	LCS	10/25/2011	Organic	4-Chloro-3-methylphenol	n/a	=	7.27	µg/L	EPA 8270Cm	0.37	1			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	4-Chloro-3-methylphenol	n/a	=	7.02	µg/L	EPA 8270Cm	0.37	1			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	4-Chloro-3-methylphenol	n/a	=	70	%	EPA 8270Cm	-88	-88	51	112	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	4-Chloro-3-methylphenol	n/a	=	73	%	EPA 8270Cm	-88	-88	51	112	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	47	µg/L	EPA 625	0.41	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	94	%	EPA 625	-88	-88	25	158	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	41.1	µg/L	EPA 625	0.41	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	25	158	
2011/12-1	Lab	LCS	10/29/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	40.1	µg/L	EPA 625	0.41	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	42	µg/L	EPA 625	0.41	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	84	%	EPA 625	-88	-88	25	158	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	25	158	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-1	Lab	LCS	10/24/2011	Organic	4-Nitrophenol	n/a	=	4.63	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup	10/24/2011	Organic	4-Nitrophenol	n/a	=	4.81	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup, rec	10/24/2011	Organic	4-Nitrophenol	n/a	=	48	%	EPA 8270Cm	-88	-88	15	73	
2011/12-1	Lab	LCS, rec	10/24/2011	Organic	4-Nitrophenol	n/a	=	46	%	EPA 8270Cm	-88	-88	15	73	
2011/12-1	Lab	LCS, RPD	10/24/2011	Organic	4-Nitrophenol	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/24/2011	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS	10/25/2011	Organic	4-Nitrophenol	n/a	=	3.36	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	4-Nitrophenol	n/a	=	3.43	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	4-Nitrophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	15	73	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	4-Nitrophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	15	73	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	4-Nitrophenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-1	Lab	method blank	10/24/2011	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Acenaphthene	n/a	=	8.01	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Acenaphthene	n/a	=	7.99	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Acenaphthene	n/a	=	8.44	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Acenaphthene	n/a	=	7.58	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Acenaphthene	n/a	=	84	%	EPA 8270Cm	-88	-88	47	145	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Acenaphthene	n/a	=	76	%	EPA 8270Cm	-88	-88	47	145	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Acenaphthene	n/a	=	80	%	EPA 8270Cm	-88	-88	47	145	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Acenaphthene	n/a	=	80	%	EPA 8270Cm	-88	-88	47	145	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Acenaphthene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Acenaphthene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	method blank	10/24/2011	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Acenaphthylene	n/a	=	8.97	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Acenaphthylene	n/a	=	8.97	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Acenaphthylene	n/a	=	8.54	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Acenaphthylene	n/a	=	9.46	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Acenaphthylene	n/a	=	95	%	EPA 8270Cm	-88	-88	33	145	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Acenaphthylene	n/a	=	85	%	EPA 8270Cm	-88	-88	33	145	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Acenaphthylene	n/a	=	90	%	EPA 8270Cm	-88	-88	33	145	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Acenaphthylene	n/a	=	90	%	EPA 8270Cm	-88	-88	33	145	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Acenaphthylene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Acenaphthylene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	method blank	10/24/2011	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	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	
2011/12-1	Lab	LCS	10/25/2011	Organic	Anthracene	n/a	=	9.29	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Anthracene	n/a	=	9.67	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Anthracene	n/a	=	9.08	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Anthracene	n/a	=	10	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Anthracene	n/a	=	91	%	EPA 8270Cm	-88	-88	27	133	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Anthracene	n/a	=	100	%	EPA 8270Cm	-88	-88	27	133	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Anthracene	n/a	=	97	%	EPA 8270Cm	-88	-88	27	133	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Anthracene	n/a	=	93	%	EPA 8270Cm	-88	-88	27	133	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Anthracene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Anthracene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	method blank	10/24/2011	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Benz(a)anthracene	n/a	=	9.88	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Benz(a)anthracene	n/a	=	10.1	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Benz(a)anthracene	n/a	=	10.4	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Benz(a)anthracene	n/a	=	9.38	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Benz(a)anthracene	n/a	=	94	%	EPA 8270Cm	-88	-88	33	143	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Benz(a)anthracene	n/a	=	104	%	EPA 8270Cm	-88	-88	33	143	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Benz(a)anthracene	n/a	=	101	%	EPA 8270Cm	-88	-88	33	143	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Benz(a)anthracene	n/a	=	99	%	EPA 8270Cm	-88	-88	33	143	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Benz(a)anthracene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Benz(a)anthracene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-1	Lab	method blank	10/19/2011	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-1	Lab	method blank	10/29/2011	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-1	Lab	LCS	10/21/2011	Organic	Benzo(a)pyrene	n/a	=	4.45	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Benzo(a)pyrene	n/a	=	89	%	EPA 525.2	-88	-88	54	136	
2011/12-1	Lab	method blank	10/21/2011	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	LCS	10/27/2011	Organic	Benzo(a)pyrene	n/a	=	4.11	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	LCS	10/27/2011	Organic	Benzo(a)pyrene	n/a	=	4.96	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Organic	Benzo(a)pyrene	n/a	=	4.59	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Organic	Benzo(a)pyrene	n/a	=	4.81	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 525.2	-88	-88	54	136	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Organic	Benzo(a)pyrene	n/a	=	92	%	EPA 525.2	-88	-88	54	136	
2011/12-1	Lab	LCS, rec	10/27/2011	Organic	Benzo(a)pyrene	n/a	=	82	%	EPA 525.2	-88	-88	54	136	
2011/12-1	Lab	LCS, rec	10/27/2011	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 525.2	-88	-88	54	136	
2011/12-1	Lab	LCS, RPD	10/27/2011	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Organic	Benzo(a)pyrene	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	method blank	10/27/2011	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	LCS	11/4/2011	Organic	Benzo(a)pyrene	n/a	=	3.38	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Organic	Benzo(a)pyrene	n/a	=	3.44	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Organic	Benzo(a)pyrene	n/a	=	69	%	EPA 525.2	-88	-88	54	136	
2011/12-1	Lab	LCS, rec	11/4/2011	Organic	Benzo(a)pyrene	n/a	=	68	%	EPA 525.2	-88	-88	54	136	
2011/12-1	Lab	LCS, RPD	11/4/2011	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-1	Lab	method blank	10/24/2011	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	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	
2011/12-1	Lab	LCS	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	=	6.38	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	=	7.45	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	=	6.97	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	=	6.67	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	=	67	%	EPA 8270Cm	-88	-88	24	159	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	=	70	%	EPA 8270Cm	-88	-88	24	159	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	=	64	%	EPA 8270Cm	-88	-88	24	159	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	=	74	%	EPA 8270Cm	-88	-88	24	159	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	=	6.5	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	=	6.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	=	5.67	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	=	7.11	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	=	71	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	=	57	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	=	65	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	=	61	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	=	15	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	method blank	10/25/2011	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	method blank	10/24/2011	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	=	6.94	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	=	5.9	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	=	6.18	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	=	6.62	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	=	66	%	EPA 8270Cm	-88	-88	11	162	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	=	62	%	EPA 8270Cm	-88	-88	11	162	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	=	59	%	EPA 8270Cm	-88	-88	11	162	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	=	69	%	EPA 8270Cm	-88	-88	11	162	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	52.5	µg/L	EPA 625	0.25	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	105	%	EPA 625	-88	-88	33	184	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	12	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	46.6	µg/L	EPA 625	0.25	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	93	%	EPA 625	-88	-88	33	184	
2011/12-1	Lab	LCS	10/29/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	47.1	µg/L	EPA 625	0.25	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	47.9	µg/L	EPA 625	0.25	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	96	%	EPA 625	-88	-88	33	184	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	94	%	EPA 625	-88	-88	33	184	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	44.2	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	88	%	EPA 625	-88	-88	12	158	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	14	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	38.6	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	77	%	EPA 625	-88	-88	12	158	
2011/12-1	Lab	LCS	10/29/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	45	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	43.8	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	88	%	EPA 625	-88	-88	12	158	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	90	%	EPA 625	-88	-88	12	158	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	46.9	µg/L	EPA 625	0.38	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	94	%	EPA 625	-88	-88	36	166	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	42.5	µg/L	EPA 625	0.38	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	85	%	EPA 625	-88	-88	36	166	
2011/12-1	Lab	LCS	10/29/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	50.7	µg/L	EPA 625	0.38	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	50.5	µg/L	EPA 625	0.38	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	101	%	EPA 625	-88	-88	36	166	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	101	%	EPA 625	-88	-88	36	166	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.25	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	105	%	EPA 525.2	-88	-88	50	145	
2011/12-1	Lab	method blank	10/21/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	LCS	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.7	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	LCS	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.23	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	LCS dup	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.1	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	LCS dup	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.98	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	100	%	EPA 525.2	-88	-88	50	145	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	102	%	EPA 525.2	-88	-88	50	145	
2011/12-1	Lab	LCS, rec	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	105	%	EPA 525.2	-88	-88	50	145	
2011/12-1	Lab	LCS, rec	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	94	%	EPA 525.2	-88	-88	50	145	
2011/12-1	Lab	LCS, RPD	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	method blank	10/27/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	LCS	11/4/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.28	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	LCS dup	11/4/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.03	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	101	%	EPA 525.2	-88	-88	50	145	
2011/12-1	Lab	LCS, rec	11/4/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	106	%	EPA 525.2	-88	-88	50	145	
2011/12-1	Lab	LCS, RPD	11/4/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-1	Lab	LCS	10/21/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.6	µg/L	EPA 525.2	1.1	3			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	112	%	EPA 525.2	-88	-88	54	142	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	method blank	10/21/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2011/12-1	Lab	LCS	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.64	µg/L	EPA 525.2	1.1	3			IP
2011/12-1	Lab	LCS	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.1	µg/L	EPA 525.2	1.1	3			
2011/12-1	Lab	LCS dup	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.19	µg/L	EPA 525.2	1.1	3			
2011/12-1	Lab	LCS dup	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.36	µg/L	EPA 525.2	1.1	3			IP
2011/12-1	Lab	LCS dup, rec	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	107	%	EPA 525.2	-88	-88	54	142	IP
2011/12-1	Lab	LCS dup, rec	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	104	%	EPA 525.2	-88	-88	54	142	
2011/12-1	Lab	LCS, rec	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	93	%	EPA 525.2	-88	-88	54	142	IP
2011/12-1	Lab	LCS, rec	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	102	%	EPA 525.2	-88	-88	54	142	
2011/12-1	Lab	LCS, RPD	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	14	%	EPA 525.2	-88	-88	0	30	IP
2011/12-1	Lab	LCS, RPD	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2011/12-1	Lab	method blank	10/27/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.38	µg/L	EPA 525.2	1.1	3			IP
2011/12-1	Lab	LCS	11/4/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.3	µg/L	EPA 525.2	1.1	3			
2011/12-1	Lab	LCS dup	11/4/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.96	µg/L	EPA 525.2	1.1	3			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	99	%	EPA 525.2	-88	-88	54	142	
2011/12-1	Lab	LCS, rec	11/4/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	54	142	
2011/12-1	Lab	LCS, RPD	11/4/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Butyl benzyl phthalate	n/a	=	51.2	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Butyl benzyl phthalate	n/a	=	102	%	EPA 625	-88	-88	0.1	152	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Butyl benzyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Butyl benzyl phthalate	n/a	=	46.6	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Butyl benzyl phthalate	n/a	=	93	%	EPA 625	-88	-88	0.1	152	
2011/12-1	Lab	LCS	10/29/2011	Organic	Butyl benzyl phthalate	n/a	=	45.7	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Butyl benzyl phthalate	n/a	=	48.6	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Butyl benzyl phthalate	n/a	=	97	%	EPA 625	-88	-88	0.1	152	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Butyl benzyl phthalate	n/a	=	91	%	EPA 625	-88	-88	0.1	152	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Butyl benzyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	method blank	10/24/2011	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Chrysene	n/a	=	6.81	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Chrysene	n/a	=	6.62	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Chrysene	n/a	=	7.01	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Chrysene	n/a	=	6.72	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Chrysene	n/a	=	70	%	EPA 8270Cm	-88	-88	17	168	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Chrysene	n/a	=	67	%	EPA 8270Cm	-88	-88	17	168	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Chrysene	n/a	=	66	%	EPA 8270Cm	-88	-88	17	168	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Chrysene	n/a	=	68	%	EPA 8270Cm	-88	-88	17	168	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Chrysene	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Chrysene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	=	6.4	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	=	6.79	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	=	7.16	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	=	6.08	µg/L	EPA 8270Cm	0.13	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	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	=	72	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	=	61	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	=	68	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	=	64	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	method blank	10/25/2011	Organic	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Diethyl phthalate	n/a	=	48	µg/L	EPA 625	0.15	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Diethyl phthalate	n/a	=	96	%	EPA 625	-88	-88	0.1	112	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Diethyl phthalate	n/a	=	12	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Diethyl phthalate	n/a	=	42.7	µg/L	EPA 625	0.15	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Diethyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	112	
2011/12-1	Lab	LCS	10/29/2011	Organic	Diethyl phthalate	n/a	=	41.7	µg/L	EPA 625	0.15	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Diethyl phthalate	n/a	=	44.5	µg/L	EPA 625	0.15	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	112	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	112	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Diethyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Dimethyl phthalate	n/a	=	51	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Dimethyl phthalate	n/a	=	102	%	EPA 625	-88	-88	0.1	112	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Dimethyl phthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Dimethyl phthalate	n/a	=	46.4	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Dimethyl phthalate	n/a	=	93	%	EPA 625	-88	-88	0.1	112	
2011/12-1	Lab	LCS	10/29/2011	Organic	Dimethyl phthalate	n/a	=	42.2	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Dimethyl phthalate	n/a	=	45.1	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Dimethyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	112	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Dimethyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	112	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Dimethyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Di-n-butylphthalate	n/a	=	50.2	µg/L	EPA 625	0.24	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Di-n-butylphthalate	n/a	=	100	%	EPA 625	-88	-88	1	118	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Di-n-butylphthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Di-n-butylphthalate	n/a	=	44.8	µg/L	EPA 625	0.24	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Di-n-butylphthalate	n/a	=	90	%	EPA 625	-88	-88	1	118	
2011/12-1	Lab	LCS	10/29/2011	Organic	Di-n-butylphthalate	n/a	=	46.8	µg/L	EPA 625	0.24	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Di-n-butylphthalate	n/a	=	50.1	µg/L	EPA 625	0.24	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Di-n-butylphthalate	n/a	=	100	%	EPA 625	-88	-88	1	118	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Di-n-butylphthalate	n/a	=	94	%	EPA 625	-88	-88	1	118	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Di-n-octylphthalate	n/a	=	47.3	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Di-n-octylphthalate	n/a	=	95	%	EPA 625	-88	-88	6	146	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Di-n-octylphthalate	n/a	=	7	%	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	
2011/12-1	Lab	method blank	10/19/2011	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Di-n-octylphthalate	n/a	=	44.2	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Di-n-octylphthalate	n/a	=	88	%	EPA 625	-88	-88	6	146	
2011/12-1	Lab	LCS	10/29/2011	Organic	Di-n-octylphthalate	n/a	=	47.4	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Di-n-octylphthalate	n/a	=	51.6	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Di-n-octylphthalate	n/a	=	103	%	EPA 625	-88	-88	6	146	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Di-n-octylphthalate	n/a	=	95	%	EPA 625	-88	-88	6	146	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	method blank	10/24/2011	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Fluoranthene	n/a	=	8.66	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Fluoranthene	n/a	=	8.94	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Fluoranthene	n/a	=	8.64	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Fluoranthene	n/a	=	9.12	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Fluoranthene	n/a	=	91	%	EPA 8270Cm	-88	-88	26	137	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Fluoranthene	n/a	=	86	%	EPA 8270Cm	-88	-88	26	137	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Fluoranthene	n/a	=	87	%	EPA 8270Cm	-88	-88	26	137	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Fluoranthene	n/a	=	89	%	EPA 8270Cm	-88	-88	26	137	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Fluoranthene	n/a	=	0.2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Fluoranthene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-1	Lab	method blank	10/24/2011	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Fluorene	n/a	=	8.57	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Fluorene	n/a	=	8.83	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Fluorene	n/a	=	8.08	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Fluorene	n/a	=	9.2	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Fluorene	n/a	=	81	%	EPA 8270Cm	-88	-88	59	121	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Fluorene	n/a	=	92	%	EPA 8270Cm	-88	-88	59	121	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Fluorene	n/a	=	88	%	EPA 8270Cm	-88	-88	59	121	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Fluorene	n/a	=	86	%	EPA 8270Cm	-88	-88	59	121	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Fluorene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Fluorene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Hexachlorobenzene	n/a	=	43.4	µg/L	EPA 625	0.49	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Hexachlorobenzene	n/a	=	87	%	EPA 625	-88	-88	0.1	152	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Hexachlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Hexachlorobenzene	n/a	=	39.4	µg/L	EPA 625	0.49	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Hexachlorobenzene	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2011/12-1	Lab	LCS	10/29/2011	Organic	Hexachlorobenzene	n/a	=	35.6	µg/L	EPA 625	0.49	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Hexachlorobenzene	n/a	=	38.1	µg/L	EPA 625	0.49	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Hexachlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	152	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Hexachlorobenzene	n/a	=	71	%	EPA 625	-88	-88	0.1	152	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Hexachlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Hexachlorobutadiene	n/a	=	39.4	µg/L	EPA 625	0.47	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Hexachlorobutadiene	n/a	=	79	%	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	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Hexachlorobutadiene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Hexachlorobutadiene	n/a	=	36.9	µg/L	EPA 625	0.47	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625	-88	-88	24	116	
2011/12-1	Lab	LCS	10/29/2011	Organic	Hexachlorobutadiene	n/a	=	36	µg/L	EPA 625	0.47	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Hexachlorobutadiene	n/a	=	36	µg/L	EPA 625	0.47	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	24	116	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	24	116	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Hexachlorobutadiene	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Hexachlorocyclopentadiene	n/a	=	21.6	µg/L	EPA 625	1.5	5			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Hexachlorocyclopentadiene	n/a	=	43	%	EPA 625	-88	-88	0.1	136	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Hexachlorocyclopentadiene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-1	Lab	LCS	10/21/2011	Organic	Hexachlorocyclopentadiene	n/a	=	22.2	µg/L	EPA 625	1.5	5			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Hexachlorocyclopentadiene	n/a	=	44	%	EPA 625	-88	-88	0.1	136	
2011/12-1	Lab	LCS	10/29/2011	Organic	Hexachlorocyclopentadiene	n/a	=	11.7	µg/L	EPA 625	1.5	5			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Hexachlorocyclopentadiene	n/a	=	13.9	µg/L	EPA 625	1.5	5			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Hexachlorocyclopentadiene	n/a	=	28	%	EPA 625	-88	-88	0.1	136	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Hexachlorocyclopentadiene	n/a	=	23	%	EPA 625	-88	-88	0.1	136	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Hexachlorocyclopentadiene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Hexachloroethane	n/a	=	35.3	µg/L	EPA 625	0.52	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Hexachloroethane	n/a	=	71	%	EPA 625	-88	-88	40	113	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Hexachloroethane	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Hexachloroethane	n/a	=	34.3	µg/L	EPA 625	0.52	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Hexachloroethane	n/a	=	69	%	EPA 625	-88	-88	40	113	
2011/12-1	Lab	LCS	10/29/2011	Organic	Hexachloroethane	n/a	=	34	µg/L	EPA 625	0.52	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Hexachloroethane	n/a	=	32.3	µg/L	EPA 625	0.52	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Hexachloroethane	n/a	=	65	%	EPA 625	-88	-88	40	113	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Hexachloroethane	n/a	=	68	%	EPA 625	-88	-88	40	113	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Hexachloroethane	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-1	Lab	LCS	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.25	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.76	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.07	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.95	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	61	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	70	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	68	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	62	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-1	Lab	method blank	10/25/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Isophorone	n/a	=	44.8	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	
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Isophorone	n/a	=	90	%	EPA 625	-88	-88	21	196	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Isophorone	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Isophorone	n/a	=	41	µg/L	EPA 625	0.21	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Isophorone	n/a	=	82	%	EPA 625	-88	-88	21	196	
2011/12-1	Lab	LCS	10/29/2011	Organic	Isophorone	n/a	=	41.2	µg/L	EPA 625	0.21	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Isophorone	n/a	=	41.5	µg/L	EPA 625	0.21	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Isophorone	n/a	=	83	%	EPA 625	-88	-88	21	196	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Isophorone	n/a	=	82	%	EPA 625	-88	-88	21	196	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Isophorone	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-1	Lab	LCS	10/6/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.92	µg/L	EPA 524.2	0.19	2			
2011/12-1	Lab	LCS dup	10/6/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.96	µg/L	EPA 524.2	0.19	2			
2011/12-1	Lab	LCS dup, rec	10/6/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	LCS, rec	10/6/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	LCS, RPD	10/6/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	18	%	EPA 524.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/6/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2011/12-1	Lab	LCS	10/10/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.96	µg/L	EPA 524.2	0.19	2			
2011/12-1	Lab	LCS dup	10/10/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.96	µg/L	EPA 524.2	0.19	2			
2011/12-1	Lab	LCS dup, rec	10/10/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	LCS, rec	10/10/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2011/12-1	Lab	LCS, RPD	10/10/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0	%	EPA 524.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/10/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2011/12-1	MO-VEN	field duplicate	10/7/2011	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2011/12-1	Lab	method blank	10/24/2011	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Naphthalene	n/a	=	7.44	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Naphthalene	n/a	=	7.04	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Naphthalene	n/a	=	7.97	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Naphthalene	n/a	=	6.54	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Naphthalene	n/a	=	65	%	EPA 8270Cm	-88	-88	21	133	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Naphthalene	n/a	=	80	%	EPA 8270Cm	-88	-88	21	133	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Naphthalene	n/a	=	70	%	EPA 8270Cm	-88	-88	21	133	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Naphthalene	n/a	=	74	%	EPA 8270Cm	-88	-88	21	133	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Naphthalene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Naphthalene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	Nitrobenzene	n/a	=	48.4	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	Nitrobenzene	n/a	=	97	%	EPA 625	-88	-88	35	180	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	Nitrobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	Nitrobenzene	n/a	=	43.5	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	Nitrobenzene	n/a	=	87	%	EPA 625	-88	-88	35	180	
2011/12-1	Lab	LCS	10/29/2011	Organic	Nitrobenzene	n/a	=	45.8	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	Nitrobenzene	n/a	=	45.9	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	Nitrobenzene	n/a	=	92	%	EPA 625	-88	-88	35	180	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	Nitrobenzene	n/a	=	92	%	EPA 625	-88	-88	35	180	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	Nitrobenzene	n/a	=	0.2	%	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	
2011/12-1	Lab	method blank	10/29/2011	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-1	Lab	srgt LCS dup	10/19/2011	Organic	Nitrobenzene-d5	n/a	=	48.2	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/19/2011	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625	-88	-88	34	139	
2011/12-1	Lab	srgt method blank	10/19/2011	Organic	Nitrobenzene-d5	n/a	=	52.4	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/19/2011	Organic	Nitrobenzene-d5	n/a	=	105	%	EPA 625	-88	-88	34	139	
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	Nitrobenzene-d5	n/a	=	45.1	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625	-88	-88	34	139	
2011/12-1	Lab	srgt LCS	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	8.29	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	7.63	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	8.11	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	7.52	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	Lab	srgt method blank	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	8.01	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	7.96	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	Lab	srgt method blank, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	Lab	srgt LCS	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	46.8	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	46.9	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625	-88	-88	34	139	
2011/12-1	Lab	srgt LCS, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625	-88	-88	34	139	
2011/12-1	Lab	srgt method blank	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	39.7	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	34	139	
2011/12-1	ME-CC	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	8.34	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	ME-CC	srgt environ	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	45.3	µg/L	EPA 625	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625	-88	-88	34	139	
2011/12-1	ME-SCR	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	7.87	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	ME-VR2	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	6.77	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	ME-VR2	srgt environ	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	39.9	µg/L	EPA 625	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	34	139	
2011/12-1	MO-CAM	srgt environ	10/20/2011	Organic	Nitrobenzene-d5	n/a	=	41.7	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-CAM	srgt environ, rec	10/20/2011	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	34	139	D
2011/12-1	MO-CAM	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	8.41	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	MO-FIL	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	8.44	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	MO-FIL	srgt environ	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	47.3	µg/L	EPA 625	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	95	%	EPA 625	-88	-88	34	139	
2011/12-1	MO-HUE	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	7.8	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-HUE	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270Cm	-88	-88	51	143	D
2011/12-1	MO-HUE	srgt environ	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	25.2	µg/L	EPA 625	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	50	%	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	
2011/12-1	MO-MEI	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	5.5	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270Cm	-88	-88	51	143	D
2011/12-1	MO-MEI	srgt environ	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	51	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625	-88	-88	34	139	D
2011/12-1	MO-MPK	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	7.95	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270Cm	-88	-88	51	143	
2011/12-1	MO-MPK	srgt environ	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	41.2	µg/L	EPA 625	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	34	139	
2011/12-1	MO-OJA	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	5.2	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	52	%	EPA 8270Cm	-88	-88	51	143	D
2011/12-1	MO-OJA	srgt environ	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	51.4	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 625	-88	-88	34	139	D
2011/12-1	MO-OXN	srgt environ	10/20/2011	Organic	Nitrobenzene-d5	n/a	=	43.8	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/20/2011	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	34	139	D
2011/12-1	MO-OXN	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	6.1	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 8270Cm	-88	-88	51	143	D
2011/12-1	MO-SIM	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	7.2	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270Cm	-88	-88	51	143	D
2011/12-1	MO-SIM	srgt environ	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	54.1	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	103	%	EPA 625	-88	-88	34	139	D
2011/12-1	MO-SPA	srgt environ	10/20/2011	Organic	Nitrobenzene-d5	n/a	=	34.5	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/20/2011	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	34	139	D
2011/12-1	MO-SPA	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	7.6	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270Cm	-88	-88	51	143	D
2011/12-1	MO-THO	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	6.3	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270Cm	-88	-88	51	143	D
2011/12-1	MO-THO	srgt environ	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	49.1	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/29/2011	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625	-88	-88	34	139	D
2011/12-1	MO-VEN	srgt environ	10/20/2011	Organic	Nitrobenzene-d5	n/a	=	43.8	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/20/2011	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	34	139	D
2011/12-1	MO-VEN	srgt environ	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	6.8	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/25/2011	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270Cm	-88	-88	51	143	D
2011/12-1	Lab	LCS dup	10/19/2011	Organic	N-Nitrosodimethylamine	n/a	=	24.6	µg/L	EPA 625	0.14	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	N-Nitrosodimethylamine	n/a	=	49	%	EPA 625	-88	-88	27	78	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	N-Nitrosodimethylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	N-Nitrosodimethylamine	n/a	=	22.3	µg/L	EPA 625	0.14	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625	-88	-88	27	78	
2011/12-1	Lab	LCS	10/29/2011	Organic	N-Nitrosodimethylamine	n/a	=	27.8	µg/L	EPA 625	0.14	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	N-Nitrosodimethylamine	n/a	=	26.6	µg/L	EPA 625	0.14	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	N-Nitrosodimethylamine	n/a	=	53	%	EPA 625	-88	-88	27	78	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	N-Nitrosodimethylamine	n/a	=	56	%	EPA 625	-88	-88	27	78	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	N-Nitrosodimethylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	49.6	µg/L	EPA 625	0.26	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	99	%	EPA 625	-88	-88	0.1	230	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	11	%	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	
2011/12-1	Lab	method blank	10/19/2011	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	44.4	µg/L	EPA 625	0.26	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	89	%	EPA 625	-88	-88	0.1	230	
2011/12-1	Lab	LCS	10/29/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	46.1	µg/L	EPA 625	0.26	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	45.9	µg/L	EPA 625	0.26	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	92	%	EPA 625	-88	-88	0.1	230	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	92	%	EPA 625	-88	-88	0.1	230	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-1	Lab	LCS dup	10/19/2011	Organic	N-Nitrosodiphenylamine	n/a	=	38	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	LCS dup, rec	10/19/2011	Organic	N-Nitrosodiphenylamine	n/a	=	76	%	EPA 625	-88	-88	48	129	
2011/12-1	Lab	LCS, RPD	10/19/2011	Organic	N-Nitrosodiphenylamine	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/19/2011	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	LCS	10/21/2011	Organic	N-Nitrosodiphenylamine	n/a	=	35.3	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625	-88	-88	48	129	
2011/12-1	Lab	LCS	10/29/2011	Organic	N-Nitrosodiphenylamine	n/a	=	33.7	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	LCS dup	10/29/2011	Organic	N-Nitrosodiphenylamine	n/a	=	35.9	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	LCS dup, rec	10/29/2011	Organic	N-Nitrosodiphenylamine	n/a	=	72	%	EPA 625	-88	-88	48	129	
2011/12-1	Lab	LCS, rec	10/29/2011	Organic	N-Nitrosodiphenylamine	n/a	=	67	%	EPA 625	-88	-88	48	129	
2011/12-1	Lab	LCS, RPD	10/29/2011	Organic	N-Nitrosodiphenylamine	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-1	Lab	method blank	10/29/2011	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	Perylene-d12	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	srgt method blank	10/21/2011	Organic	Perylene-d12	n/a	=	4.76	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/21/2011	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	srgt LCS	10/27/2011	Organic	Perylene-d12	n/a	=	5.82	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS	10/27/2011	Organic	Perylene-d12	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/27/2011	Organic	Perylene-d12	n/a	=	5.55	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/27/2011	Organic	Perylene-d12	n/a	=	5.79	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/27/2011	Organic	Perylene-d12	n/a	=	111	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	srgt LCS dup, rec	10/27/2011	Organic	Perylene-d12	n/a	=	116	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	srgt LCS, rec	10/27/2011	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	srgt LCS, rec	10/27/2011	Organic	Perylene-d12	n/a	=	116	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	srgt method blank	10/27/2011	Organic	Perylene-d12	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank	10/27/2011	Organic	Perylene-d12	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/27/2011	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	srgt method blank, rec	10/27/2011	Organic	Perylene-d12	n/a	=	108	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	srgt LCS	11/4/2011	Organic	Perylene-d12	n/a	=	4.43	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	11/4/2011	Organic	Perylene-d12	n/a	=	4.08	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	11/4/2011	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	srgt LCS, rec	11/4/2011	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	srgt method blank	11/4/2011	Organic	Perylene-d12	n/a	=	4.48	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	11/4/2011	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	48	141	
2011/12-1	ME-CC	srgt environ	10/21/2011	Organic	Perylene-d12	n/a	=	3.25	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/21/2011	Organic	Perylene-d12	n/a	=	65	%	EPA 525.2	-88	-88	48	141	
2011/12-1	ME-SCR	srgt environ	10/27/2011	Organic	Perylene-d12	n/a	=	5.48	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/27/2011	Organic	Perylene-d12	n/a	=	55	%	EPA 525.2	-88	-88	48	141	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	ME-VR2	srgt environ	10/21/2011	Organic	Perylene-d12	n/a	=	4.09	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/21/2011	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-CAM	srgt environ	10/21/2011	Organic	Perylene-d12	n/a	=	4.45	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/21/2011	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-CAM	srgt environ	11/4/2011	Organic	Perylene-d12	n/a	=	38.7	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	11/4/2011	Organic	Perylene-d12	n/a	=	77	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-FIL	srgt environ	10/21/2011	Organic	Perylene-d12	n/a	=	3.51	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/21/2011	Organic	Perylene-d12	n/a	=	70	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-HUE	srgt environ	10/27/2011	Organic	Perylene-d12	n/a	=	10.9	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/27/2011	Organic	Perylene-d12	n/a	=	109	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-MEI	srgt environ	10/21/2011	Organic	Perylene-d12	n/a	=	8.4	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MEI	srgt environ, rec	10/21/2011	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-MPK	srgt environ	10/21/2011	Organic	Perylene-d12	n/a	=	3.13	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/21/2011	Organic	Perylene-d12	n/a	=	63	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-MPK	srgt environ	10/27/2011	Organic	Perylene-d12	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/27/2011	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-OJA	srgt environ	10/21/2011	Organic	Perylene-d12	n/a	=	8.44	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-OJA	srgt environ, rec	10/21/2011	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-OXN	srgt environ	10/27/2011	Organic	Perylene-d12	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-OXN	srgt environ, rec	10/27/2011	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-SIM	srgt environ	10/21/2011	Organic	Perylene-d12	n/a	=	3.26	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-SIM	srgt environ, rec	10/21/2011	Organic	Perylene-d12	n/a	=	65	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-SPA	srgt environ	10/27/2011	Organic	Perylene-d12	n/a	=	4.29	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-SPA	srgt environ, rec	10/27/2011	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-THO	srgt environ	10/21/2011	Organic	Perylene-d12	n/a	=	3.51	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-THO	srgt environ, rec	10/21/2011	Organic	Perylene-d12	n/a	=	70	%	EPA 525.2	-88	-88	48	141	
2011/12-1	MO-VEN	srgt environ	10/27/2011	Organic	Perylene-d12	n/a	=	4.7	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-VEN	srgt environ, rec	10/27/2011	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	48	141	
2011/12-1	Lab	method blank	10/24/2011	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Phenanthrene	n/a	=	8.2	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Phenanthrene	n/a	=	8.54	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Phenanthrene	n/a	=	7.89	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Phenanthrene	n/a	=	8.8	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Phenanthrene	n/a	=	88	%	EPA 8270Cm	-88	-88	54	120	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Phenanthrene	n/a	=	79	%	EPA 8270Cm	-88	-88	54	120	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Phenanthrene	n/a	=	82	%	EPA 8270Cm	-88	-88	54	120	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Phenanthrene	n/a	=	85	%	EPA 8270Cm	-88	-88	54	120	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Phenanthrene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Phenanthrene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-1	Lab	LCS	10/24/2011	Organic	Phenol	n/a	=	3.49	µg/L	EPA 8270Cm	0.35	1			
2011/12-1	Lab	LCS dup	10/24/2011	Organic	Phenol	n/a	=	3.74	µg/L	EPA 8270Cm	0.35	1			
2011/12-1	Lab	LCS dup, rec	10/24/2011	Organic	Phenol	n/a	=	37	%	EPA 8270Cm	-88	-88	14	40	
2011/12-1	Lab	LCS, rec	10/24/2011	Organic	Phenol	n/a	=	35	%	EPA 8270Cm	-88	-88	14	40	
2011/12-1	Lab	LCS, RPD	10/24/2011	Organic	Phenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/24/2011	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2011/12-1	Lab	LCS	10/25/2011	Organic	Phenol	n/a	=	3.25	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	
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Phenol	n/a	=	3.11	µg/L	EPA 8270Cm	0.35	1			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Phenol	n/a	=	31	%	EPA 8270Cm	-88	-88	14	40	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Phenol	n/a	=	32	%	EPA 8270Cm	-88	-88	14	40	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Phenol	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2011/12-1	Lab	srgt LCS dup	10/19/2011	Organic	Phenol-d5	n/a	=	34.6	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/19/2011	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	2	70	
2011/12-1	Lab	srgt method blank	10/19/2011	Organic	Phenol-d5	n/a	=	42	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/19/2011	Organic	Phenol-d5	n/a	=	42	%	EPA 625	-88	-88	2	70	
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	Phenol-d5	n/a	=	31.2	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	
2011/12-1	Lab	srgt LCS	10/24/2011	Organic	Phenol-d5	n/a	=	7.87	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/24/2011	Organic	Phenol-d5	n/a	=	8.38	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/24/2011	Organic	Phenol-d5	n/a	=	42	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	Lab	srgt LCS, rec	10/24/2011	Organic	Phenol-d5	n/a	=	39	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	Lab	srgt method blank	10/24/2011	Organic	Phenol-d5	n/a	=	7.91	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/24/2011	Organic	Phenol-d5	n/a	=	40	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	Lab	srgt LCS	10/25/2011	Organic	Phenol-d5	n/a	=	7.34	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	Organic	Phenol-d5	n/a	=	6.85	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	Organic	Phenol-d5	n/a	=	34	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	Organic	Phenol-d5	n/a	=	37	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	Lab	srgt method blank	10/25/2011	Organic	Phenol-d5	n/a	=	7.75	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/25/2011	Organic	Phenol-d5	n/a	=	39	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	Lab	srgt LCS	10/29/2011	Organic	Phenol-d5	n/a	=	36.6	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/29/2011	Organic	Phenol-d5	n/a	=	35.6	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/29/2011	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	2	70	
2011/12-1	Lab	srgt LCS, rec	10/29/2011	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	2	70	
2011/12-1	Lab	srgt method blank	10/29/2011	Organic	Phenol-d5	n/a	=	31.2	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/29/2011	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	
2011/12-1	ME-CC	srgt environ	10/24/2011	Organic	Phenol-d5	n/a	=	7.82	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/24/2011	Organic	Phenol-d5	n/a	=	39	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	ME-CC	srgt environ	10/29/2011	Organic	Phenol-d5	n/a	=	32.5	µg/L	EPA 625	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/29/2011	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	
2011/12-1	ME-SCR	srgt environ	10/25/2011	Organic	Phenol-d5	n/a	=	10.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/25/2011	Organic	Phenol-d5	n/a	=	54	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	ME-VR2	srgt environ	10/24/2011	Organic	Phenol-d5	n/a	=	5.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/24/2011	Organic	Phenol-d5	n/a	=	28	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	ME-VR2	srgt environ	10/29/2011	Organic	Phenol-d5	n/a	=	30	µg/L	EPA 625	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/29/2011	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	
2011/12-1	MO-CAM	srgt environ	10/20/2011	Organic	Phenol-d5	n/a	=	33.5	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-CAM	srgt environ, rec	10/20/2011	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	2	70	D
2011/12-1	MO-CAM	srgt environ	10/24/2011	Organic	Phenol-d5	n/a	=	8.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/24/2011	Organic	Phenol-d5	n/a	=	40	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	MO-FIL	srgt environ	10/24/2011	Organic	Phenol-d5	n/a	=	8.09	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/24/2011	Organic	Phenol-d5	n/a	=	40	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	MO-FIL	srgt environ	10/29/2011	Organic	Phenol-d5	n/a	=	38	µg/L	EPA 625	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/29/2011	Organic	Phenol-d5	n/a	=	38	%	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	
2011/12-1	MO-HUE	srgt environ	10/25/2011	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 8270Cm	-88	-88			D,GN
2011/12-1	MO-HUE	srgt environ, rec	10/25/2011	Organic	Phenol-d5	n/a	=	64	%	EPA 8270Cm	-88	-88	13	58	D,GN
2011/12-1	MO-HUE	srgt environ	10/29/2011	Organic	Phenol-d5	n/a	=	30.4	µg/L	EPA 625	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/29/2011	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	
2011/12-1	MO-MEI	srgt environ	10/24/2011	Organic	Phenol-d5	n/a	=	4.3	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/24/2011	Organic	Phenol-d5	n/a	=	22	%	EPA 8270Cm	-88	-88	13	58	D
2011/12-1	MO-MEI	srgt environ	10/29/2011	Organic	Phenol-d5	n/a	=	37.4	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/29/2011	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	2	70	D
2011/12-1	MO-MPK	srgt environ	10/25/2011	Organic	Phenol-d5	n/a	=	7.36	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/25/2011	Organic	Phenol-d5	n/a	=	37	%	EPA 8270Cm	-88	-88	13	58	
2011/12-1	MO-MPK	srgt environ	10/29/2011	Organic	Phenol-d5	n/a	=	28.8	µg/L	EPA 625	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/29/2011	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2011/12-1	MO-OJA	srgt environ	10/24/2011	Organic	Phenol-d5	n/a	=	5.4	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/24/2011	Organic	Phenol-d5	n/a	=	27	%	EPA 8270Cm	-88	-88	13	58	D
2011/12-1	MO-OJA	srgt environ	10/29/2011	Organic	Phenol-d5	n/a	=	43	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/29/2011	Organic	Phenol-d5	n/a	=	41	%	EPA 625	-88	-88	2	70	D
2011/12-1	MO-OXN	srgt environ	10/20/2011	Organic	Phenol-d5	n/a	=	34.9	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/20/2011	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	2	70	D
2011/12-1	MO-OXN	srgt environ	10/24/2011	Organic	Phenol-d5	n/a	=	4.4	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/24/2011	Organic	Phenol-d5	n/a	=	22	%	EPA 8270Cm	-88	-88	13	58	D
2011/12-1	MO-SIM	srgt environ	10/24/2011	Organic	Phenol-d5	n/a	=	5.65	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/24/2011	Organic	Phenol-d5	n/a	=	28	%	EPA 8270Cm	-88	-88	13	58	D
2011/12-1	MO-SIM	srgt environ	10/29/2011	Organic	Phenol-d5	n/a	=	36.8	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/29/2011	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	2	70	D
2011/12-1	MO-SPA	srgt environ	10/20/2011	Organic	Phenol-d5	n/a	=	26.6	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/20/2011	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	2	70	D
2011/12-1	MO-SPA	srgt environ	10/24/2011	Organic	Phenol-d5	n/a	=	6.1	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/24/2011	Organic	Phenol-d5	n/a	=	30	%	EPA 8270Cm	-88	-88	13	58	D
2011/12-1	MO-THO	srgt environ	10/25/2011	Organic	Phenol-d5	n/a	=	3.4	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/25/2011	Organic	Phenol-d5	n/a	=	16	%	EPA 8270Cm	-88	-88	13	58	D
2011/12-1	MO-THO	srgt environ	10/29/2011	Organic	Phenol-d5	n/a	=	33.6	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/29/2011	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	2	70	D
2011/12-1	MO-VEN	srgt environ	10/20/2011	Organic	Phenol-d5	n/a	=	32	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/20/2011	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	2	70	D
2011/12-1	MO-VEN	srgt environ	10/24/2011	Organic	Phenol-d5	n/a	=	5	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/24/2011	Organic	Phenol-d5	n/a	=	25	%	EPA 8270Cm	-88	-88	13	58	D
2011/12-1	Lab	srgt LCS dup	10/19/2011	Organic	p-Terphenyl-d14	n/a	=	54.6	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/19/2011	Organic	p-Terphenyl-d14	n/a	=	109	%	EPA 625	-88	-88	6	145	
2011/12-1	Lab	srgt method blank	10/19/2011	Organic	p-Terphenyl-d14	n/a	=	57.1	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/19/2011	Organic	p-Terphenyl-d14	n/a	=	114	%	EPA 625	-88	-88	6	145	
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	p-Terphenyl-d14	n/a	=	49	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625	-88	-88	6	145	
2011/12-1	Lab	srgt LCS	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	9.12	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	8.54	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	8.37	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	9.25	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	84	%	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	
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	Lab	srgt method blank	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	6.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	9.27	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	Lab	srgt method blank, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	Lab	srgt LCS	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	45.1	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	48.8	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625	-88	-88	6	145	
2011/12-1	Lab	srgt LCS, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	6	145	
2011/12-1	Lab	srgt method blank	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	45.8	µg/L	EPA 625	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625	-88	-88	6	145	
2011/12-1	ME-CC	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	7.78	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	ME-CC	srgt environ	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	42.4	µg/L	EPA 625	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625	-88	-88	6	145	
2011/12-1	ME-SCR	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	7.58	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	ME-VR2	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	7.13	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	ME-VR2	srgt environ	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	43.7	µg/L	EPA 625	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625	-88	-88	6	145	
2011/12-1	MO-CAM	srgt environ	10/20/2011	Organic	p-Terphenyl-d14	n/a	=	45.9	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-CAM	srgt environ, rec	10/20/2011	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625	-88	-88	6	145	D
2011/12-1	MO-CAM	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	9.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	MO-FIL	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	8.18	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	MO-FIL	srgt environ	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	46.8	µg/L	EPA 625	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625	-88	-88	6	145	
2011/12-1	MO-HUE	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	3.6	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-HUE	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	36	%	EPA 8270Cm	-88	-88	19	134	D
2011/12-1	MO-HUE	srgt environ	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	26.8	µg/L	EPA 625	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 625	-88	-88	6	145	
2011/12-1	MO-MEI	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	3.3	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	33	%	EPA 8270Cm	-88	-88	19	134	D
2011/12-1	MO-MEI	srgt environ	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	51.8	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-MEI	srgt environ, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625	-88	-88	6	145	D
2011/12-1	MO-MPK	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	7.25	µg/L	EPA 8270Cm	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 8270Cm	-88	-88	19	134	
2011/12-1	MO-MPK	srgt environ	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	38.3	µg/L	EPA 625	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	6	145	
2011/12-1	MO-OJA	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	3.8	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	38	%	EPA 8270Cm	-88	-88	19	134	D
2011/12-1	MO-OJA	srgt environ	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	51.2	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OJA	srgt environ, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625	-88	-88	6	145	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	
2011/12-1	MO-OXN	srgt environ	10/20/2011	Organic	p-Terphenyl-d14	n/a	=	55.6	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/20/2011	Organic	p-Terphenyl-d14	n/a	=	111	%	EPA 625	-88	-88	6	145	D
2011/12-1	MO-OXN	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	3.6	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-OXN	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	36	%	EPA 8270Cm	-88	-88	19	134	D
2011/12-1	MO-SIM	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	6.15	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270Cm	-88	-88	19	134	D
2011/12-1	MO-SIM	srgt environ	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	50	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SIM	srgt environ, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625	-88	-88	6	145	D
2011/12-1	MO-SPA	srgt environ	10/20/2011	Organic	p-Terphenyl-d14	n/a	=	41.7	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/20/2011	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625	-88	-88	6	145	D
2011/12-1	MO-SPA	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	7	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-SPA	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270Cm	-88	-88	19	134	D
2011/12-1	MO-THO	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	3.8	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	36	%	EPA 8270Cm	-88	-88	19	134	D
2011/12-1	MO-THO	srgt environ	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	45.4	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-THO	srgt environ, rec	10/29/2011	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625	-88	-88	6	145	D
2011/12-1	MO-VEN	srgt environ	10/20/2011	Organic	p-Terphenyl-d14	n/a	=	51.1	µg/L	EPA 625	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/20/2011	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 625	-88	-88	6	145	D
2011/12-1	MO-VEN	srgt environ	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	4	µg/L	EPA 8270Cm	-88	-88			D
2011/12-1	MO-VEN	srgt environ, rec	10/25/2011	Organic	p-Terphenyl-d14	n/a	=	40	%	EPA 8270Cm	-88	-88	19	134	D
2011/12-1	Lab	method blank	10/24/2011	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Pyrene	n/a	=	8.81	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-1	Lab	LCS	10/25/2011	Organic	Pyrene	n/a	=	9.07	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Pyrene	n/a	=	9.18	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-1	Lab	LCS dup	10/25/2011	Organic	Pyrene	n/a	=	8.88	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Pyrene	n/a	=	92	%	EPA 8270Cm	-88	-88	52	115	
2011/12-1	Lab	LCS dup, rec	10/25/2011	Organic	Pyrene	n/a	=	89	%	EPA 8270Cm	-88	-88	52	115	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Pyrene	n/a	=	88	%	EPA 8270Cm	-88	-88	52	115	
2011/12-1	Lab	LCS, rec	10/25/2011	Organic	Pyrene	n/a	=	91	%	EPA 8270Cm	-88	-88	52	115	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Pyrene	n/a	=	0.8	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/25/2011	Organic	Pyrene	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-1	Lab	srgt LCS	10/13/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0901	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/13/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0789	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/13/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	26	131	
2011/12-1	Lab	srgt LCS, rec	10/13/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	90	%	EPA 608	-88	-88	26	131	
2011/12-1	Lab	srgt method blank	10/13/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0777	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/13/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	78	%	EPA 608	-88	-88	26	131	
2011/12-1	Lab	srgt LCS	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0357	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0292	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	29	%	EPA 608	-88	-88	26	131	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	36	%	EPA 608	-88	-88	26	131	
2011/12-1	Lab	srgt method blank	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0326	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	33	%	EPA 608	-88	-88	26	131	
2011/12-1	Lab	srgt LCS	10/27/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0701	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/27/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0741	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/27/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	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	
2011/12-1	Lab	srgt LCS, rec	10/27/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	26	131	
2011/12-1	Lab	srgt method blank	10/27/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0817	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/27/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 608	-88	-88	26	131	
2011/12-1	ME-CC	srgt environ	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.036	µg/L	EPA 608	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	36	%	EPA 608	-88	-88	26	131	
2011/12-1	ME-SCR	srgt environ	10/27/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0703	µg/L	EPA 608	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/27/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	26	131	
2011/12-1	ME-VR2	srgt environ	10/14/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0736	µg/L	EPA 608	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/14/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	26	131	
2011/12-1	MO-CAM	srgt environ	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0355	µg/L	EPA 608	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	35	%	EPA 608	-88	-88	26	131	
2011/12-1	MO-FIL	srgt environ	10/14/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0623	µg/L	EPA 608	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/14/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608	-88	-88	26	131	
2011/12-1	MO-HUE	srgt environ	10/27/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0365	µg/L	EPA 608	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/27/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	36	%	EPA 608	-88	-88	26	131	
2011/12-1	MO-MEI	srgt environ	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0171	µg/L	EPA 608	-88	-88			GN
2011/12-1	MO-MEI	srgt environ, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	17	%	EPA 608	-88	-88	26	131	GN
2011/12-1	MO-MPK	srgt environ	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0334	µg/L	EPA 608	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	33	%	EPA 608	-88	-88	26	131	
2011/12-1	MO-OJA	srgt environ	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0386	µg/L	EPA 608	-88	-88			
2011/12-1	MO-OJA	srgt environ, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	39	%	EPA 608	-88	-88	26	131	
2011/12-1	MO-OXN	srgt environ	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0397	µg/L	EPA 608	-88	-88			
2011/12-1	MO-OXN	srgt environ, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	40	%	EPA 608	-88	-88	26	131	
2011/12-1	MO-SIM	srgt environ	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.027	µg/L	EPA 608	-88	-88			
2011/12-1	MO-SIM	srgt environ, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	27	%	EPA 608	-88	-88	26	131	
2011/12-1	MO-SPA	srgt environ	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0594	µg/L	EPA 608	-88	-88			
2011/12-1	MO-SPA	srgt environ, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608	-88	-88	26	131	
2011/12-1	MO-THO	srgt environ	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0322	µg/L	EPA 608	-88	-88			
2011/12-1	MO-THO	srgt environ, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	29	%	EPA 608	-88	-88	26	131	
2011/12-1	MO-VEN	srgt environ	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0443	µg/L	EPA 608	-88	-88			
2011/12-1	MO-VEN	srgt environ, rec	10/25/2011	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	44	%	EPA 608	-88	-88	26	131	
2011/12-1	Lab	srgt LCS	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.424	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt method blank	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.411	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS	10/20/2011	Organic	Triphenylphosphate	n/a	=	0.491	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/20/2011	Organic	Triphenylphosphate	n/a	=	0.458	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/20/2011	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS, rec	10/20/2011	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt method blank	10/20/2011	Organic	Triphenylphosphate	n/a	=	0.379	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/20/2011	Organic	Triphenylphosphate	n/a	=	76	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	Triphenylphosphate	n/a	=	5.92	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS	10/21/2011	Organic	Triphenylphosphate	n/a	=	0.465	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/21/2011	Organic	Triphenylphosphate	n/a	=	0.424	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	93	%	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	
2011/12-1	Lab	srgt method blank	10/21/2011	Organic	Triphenylphosphate	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank	10/21/2011	Organic	Triphenylphosphate	n/a	=	0.478	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt method blank, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS	10/27/2011	Organic	Triphenylphosphate	n/a	=	6.39	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS	10/27/2011	Organic	Triphenylphosphate	n/a	=	5.84	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/27/2011	Organic	Triphenylphosphate	n/a	=	6.18	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/27/2011	Organic	Triphenylphosphate	n/a	=	5.93	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS dup, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt method blank	10/27/2011	Organic	Triphenylphosphate	n/a	=	6.08	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank	10/27/2011	Organic	Triphenylphosphate	n/a	=	5.52	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt method blank, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS	11/4/2011	Organic	Triphenylphosphate	n/a	=	6.84	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup	11/4/2011	Organic	Triphenylphosphate	n/a	=	6.84	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	11/4/2011	Organic	Triphenylphosphate	n/a	=	137	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS, rec	11/4/2011	Organic	Triphenylphosphate	n/a	=	137	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt method blank	11/4/2011	Organic	Triphenylphosphate	n/a	=	6.6	µg/L	EPA 525.2	-88	-88			
2011/12-1	Lab	srgt method blank, rec	11/4/2011	Organic	Triphenylphosphate	n/a	=	132	%	EPA 525.2	-88	-88	71	150	
2011/12-1	ME-CC	srgt environ	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.524	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2011/12-1	ME-CC	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	5.52	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	71	150	
2011/12-1	ME-SCR	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	0.52	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	71	150	
2011/12-1	ME-SCR	srgt environ	10/27/2011	Organic	Triphenylphosphate	n/a	=	14.4	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	144	%	EPA 525.2	-88	-88	71	150	
2011/12-1	ME-VR2	srgt environ	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.478	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	
2011/12-1	ME-VR2	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	6.18	µg/L	EPA 525.2	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-CAM	srgt environ	10/20/2011	Organic	Triphenylphosphate	n/a	=	0.561	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/20/2011	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-CAM	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	5.79	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-CAM	srgt environ	11/4/2011	Organic	Triphenylphosphate	n/a	=	72.9	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	11/4/2011	Organic	Triphenylphosphate	n/a	=	146	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-FIL	srgt environ	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.53	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-FIL	srgt matrix spike	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.513	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-FIL	srgt matrix spike dup	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.564	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-FIL	srgt matrix spike dup, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-FIL	srgt matrix spike, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-FIL	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	5.39	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	
2011/12-1	MO-FIL	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-HUE	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	0.567	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-HUE	srgt environ	10/27/2011	Organic	Triphenylphosphate	n/a	=	12.2	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-MEI	srgt environ	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.523	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MEI	srgt environ, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-MEI	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	11.1	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MEI	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-MPK	srgt environ	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.516	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-MPK	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-MPK	srgt environ	10/27/2011	Organic	Triphenylphosphate	n/a	=	6.71	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-OJA	srgt environ	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.526	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-OJA	srgt environ, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-OJA	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	11.7	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-OJA	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-OXN	srgt environ	10/20/2011	Organic	Triphenylphosphate	n/a	=	0.587	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-OXN	srgt environ, rec	10/20/2011	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-OXN	srgt environ	10/27/2011	Organic	Triphenylphosphate	n/a	=	5.9	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-OXN	srgt environ, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-SIM	srgt environ	10/19/2011	Organic	Triphenylphosphate	n/a	=	0.521	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-SIM	srgt environ, rec	10/19/2011	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-SIM	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	5.3	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-SIM	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-SPA	srgt environ	10/20/2011	Organic	Triphenylphosphate	n/a	=	0.583	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-SPA	srgt environ, rec	10/20/2011	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-SPA	srgt environ	10/27/2011	Organic	Triphenylphosphate	n/a	=	5.6	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-SPA	srgt environ, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-THO	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	0.553	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-THO	srgt environ	10/21/2011	Organic	Triphenylphosphate	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-THO	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-THO	srgt environ, rec	10/21/2011	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-VEN	srgt environ	10/20/2011	Organic	Triphenylphosphate	n/a	=	0.551	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-VEN	srgt environ, rec	10/20/2011	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	71	150	
2011/12-1	MO-VEN	srgt environ	10/27/2011	Organic	Triphenylphosphate	n/a	=	5.55	µg/L	EPA 525.2	-88	-88			
2011/12-1	MO-VEN	srgt environ, rec	10/27/2011	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	71	150	
2011/12-1	Lab	srgt LCS	10/13/2011	PCB	PCB 209	n/a	=	0.122	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/13/2011	PCB	PCB 209	n/a	=	0.126	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/13/2011	PCB	PCB 209	n/a	=	126	%	EPA 608	-88	-88	0.1	154	
2011/12-1	Lab	srgt LCS, rec	10/13/2011	PCB	PCB 209	n/a	=	122	%	EPA 608	-88	-88	0.1	154	
2011/12-1	Lab	srgt method blank	10/13/2011	PCB	PCB 209	n/a	=	0.109	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/13/2011	PCB	PCB 209	n/a	=	109	%	EPA 608	-88	-88	0.1	154	
2011/12-1	Lab	srgt LCS	10/25/2011	PCB	PCB 209	n/a	=	0.0689	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/25/2011	PCB	PCB 209	n/a	=	0.0866	µg/L	EPA 608	-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	
2011/12-1	Lab	srgt LCS dup, rec	10/25/2011	PCB	PCB 209	n/a	=	87	%	EPA 608	-88	-88	0.1	154	
2011/12-1	Lab	srgt LCS, rec	10/25/2011	PCB	PCB 209	n/a	=	69	%	EPA 608	-88	-88	0.1	154	
2011/12-1	Lab	srgt method blank	10/25/2011	PCB	PCB 209	n/a	=	0.0695	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/25/2011	PCB	PCB 209	n/a	=	70	%	EPA 608	-88	-88	0.1	154	
2011/12-1	Lab	srgt LCS	10/27/2011	PCB	PCB 209	n/a	=	0.106	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup	10/27/2011	PCB	PCB 209	n/a	=	0.109	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt LCS dup, rec	10/27/2011	PCB	PCB 209	n/a	=	109	%	EPA 608	-88	-88	0.1	154	
2011/12-1	Lab	srgt LCS, rec	10/27/2011	PCB	PCB 209	n/a	=	106	%	EPA 608	-88	-88	0.1	154	
2011/12-1	Lab	srgt method blank	10/27/2011	PCB	PCB 209	n/a	=	0.123	µg/L	EPA 608	-88	-88			
2011/12-1	Lab	srgt method blank, rec	10/27/2011	PCB	PCB 209	n/a	=	123	%	EPA 608	-88	-88	0.1	154	
2011/12-1	ME-CC	srgt environ	10/25/2011	PCB	PCB 209	n/a	=	0.0375	µg/L	EPA 608	-88	-88			
2011/12-1	ME-CC	srgt environ, rec	10/25/2011	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	154	
2011/12-1	ME-SCR	srgt environ	10/27/2011	PCB	PCB 209	n/a	=	0.0388	µg/L	EPA 608	-88	-88			
2011/12-1	ME-SCR	srgt environ, rec	10/27/2011	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	154	
2011/12-1	ME-VR2	srgt environ	10/14/2011	PCB	PCB 209	n/a	=	0.0817	µg/L	EPA 608	-88	-88			
2011/12-1	ME-VR2	srgt environ, rec	10/14/2011	PCB	PCB 209	n/a	=	82	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-CAM	srgt environ	10/25/2011	PCB	PCB 209	n/a	=	0.138	µg/L	EPA 608	-88	-88			
2011/12-1	MO-CAM	srgt environ, rec	10/25/2011	PCB	PCB 209	n/a	=	138	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-FIL	srgt environ	10/14/2011	PCB	PCB 209	n/a	=	0.0789	µg/L	EPA 608	-88	-88			
2011/12-1	MO-FIL	srgt environ, rec	10/14/2011	PCB	PCB 209	n/a	=	79	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-HUE	srgt environ	10/27/2011	PCB	PCB 209	n/a	=	0.0305	µg/L	EPA 608	-88	-88			
2011/12-1	MO-HUE	srgt environ, rec	10/27/2011	PCB	PCB 209	n/a	=	30	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-MEI	srgt environ	10/25/2011	PCB	PCB 209	n/a	=	0.0226	µg/L	EPA 608	-88	-88			
2011/12-1	MO-MEI	srgt environ, rec	10/25/2011	PCB	PCB 209	n/a	=	23	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-MPK	srgt environ	10/25/2011	PCB	PCB 209	n/a	=	0.0439	µg/L	EPA 608	-88	-88			
2011/12-1	MO-MPK	srgt environ, rec	10/25/2011	PCB	PCB 209	n/a	=	44	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-OJA	srgt environ	10/25/2011	PCB	PCB 209	n/a	=	0.0532	µg/L	EPA 608	-88	-88			
2011/12-1	MO-OJA	srgt environ, rec	10/25/2011	PCB	PCB 209	n/a	=	53	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-OXN	srgt environ	10/25/2011	PCB	PCB 209	n/a	=	0.0641	µg/L	EPA 608	-88	-88			
2011/12-1	MO-OXN	srgt environ, rec	10/25/2011	PCB	PCB 209	n/a	=	64	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-SIM	srgt environ	10/25/2011	PCB	PCB 209	n/a	=	0.0401	µg/L	EPA 608	-88	-88			
2011/12-1	MO-SIM	srgt environ, rec	10/25/2011	PCB	PCB 209	n/a	=	40	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-SPA	srgt environ	10/25/2011	PCB	PCB 209	n/a	=	0.0416	µg/L	EPA 608	-88	-88			
2011/12-1	MO-SPA	srgt environ, rec	10/25/2011	PCB	PCB 209	n/a	=	42	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-THO	srgt environ	10/25/2011	PCB	PCB 209	n/a	=	0.0525	µg/L	EPA 608	-88	-88			
2011/12-1	MO-THO	srgt environ, rec	10/25/2011	PCB	PCB 209	n/a	=	47	%	EPA 608	-88	-88	0.1	154	
2011/12-1	MO-VEN	srgt environ	10/25/2011	PCB	PCB 209	n/a	=	0.0565	µg/L	EPA 608	-88	-88			
2011/12-1	MO-VEN	srgt environ, rec	10/25/2011	PCB	PCB 209	n/a	=	57	%	EPA 608	-88	-88	0.1	154	
2011/12-1	Lab	method blank	10/13/2011	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2011/12-1	Lab	method blank	10/25/2011	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2011/12-1	Lab	method blank	10/27/2011	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2011/12-1	Lab	method blank	10/13/2011	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-1	Lab	method blank	10/25/2011	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-1	Lab	method blank	10/27/2011	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-1	Lab	method blank	10/13/2011	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2011/12-1	Lab	method blank	10/25/2011	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2011/12-1	Lab	method blank	10/27/2011	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	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	
2011/12-1	Lab	method blank	10/13/2011	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2011/12-1	Lab	method blank	10/25/2011	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2011/12-1	Lab	method blank	10/27/2011	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2011/12-1	Lab	method blank	10/13/2011	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-1	Lab	method blank	10/25/2011	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-1	Lab	method blank	10/27/2011	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-1	Lab	method blank	10/13/2011	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-1	Lab	method blank	10/25/2011	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-1	Lab	method blank	10/27/2011	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-1	Lab	method blank	10/13/2011	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-1	Lab	method blank	10/25/2011	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-1	Lab	method blank	10/27/2011	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	2,4,5-T	n/a	=	3.67	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	2,4,5-T	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	2,4,5-T	n/a	=	3.69	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	2,4,5-T	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	2,4,5-T	n/a	=	3.48	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	2,4,5-T	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	2,4,5-T	n/a	=	3.57	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	2,4,5-T	n/a	=	3.63	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	2,4,5-T	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	2,4,5-T	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	2,4,5-T	n/a	=	3.61	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	2,4,5-T	n/a	=	3.58	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	2,4,5-T	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	2,4,5-T	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	2,4,5-T	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	2,4,5-T	n/a	=	3.2	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	2,4,5-T	n/a	=	3.15	µg/L	EPA 515.3	0.07	0.2			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	2,4,5-T	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	2,4,5-T	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	2,4,5-T	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	2,4,5-TP	n/a	=	3.94	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	2,4,5-TP	n/a	=	3.98	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	2,4,5-TP	n/a	=	3.41	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	2,4,5-TP	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	2,4,5-TP	n/a	=	3.7	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	2,4,5-TP	n/a	=	3.78	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	
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	2,4,5-TP	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	2,4,5-TP	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	2,4,5-TP	n/a	=	3.7	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	2,4,5-TP	n/a	=	3.82	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	2,4,5-TP	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	2,4,5-TP	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	2,4,5-TP	n/a	=	3.63	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	2,4,5-TP	n/a	=	3.46	µg/L	EPA 515.3	0.09	0.2			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	2,4,5-TP	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	2,4,5-TP	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	2,4,5-TP	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	2,4-D	n/a	=	7.54	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	2,4-D	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	2,4-D	n/a	=	8.11	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	2,4-D	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	2,4-D	n/a	=	7.6	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	2,4-D	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	2,4-D	n/a	=	7.86	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	2,4-D	n/a	=	7.94	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	2,4-D	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	2,4-D	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	2,4-D	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	2,4-D	n/a	=	7.36	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	2,4-D	n/a	=	7.51	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	2,4-D	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	2,4-D	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	2,4-D	n/a	=	7.36	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	2,4-D	n/a	=	7.4	µg/L	EPA 515.3	0.07	0.4			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	2,4-D	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	2,4-D	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	2,4-D	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	2,4-DB	n/a	=	15.8	µg/L	EPA 515.3	0.07	2			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	2,4-DB	n/a	=	15.5	µg/L	EPA 515.3	0.07	2			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	2,4-DB	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	2,4-DB	n/a	=	12.2	µg/L	EPA 515.3	0.07	2			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	2,4-DB	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	2,4-DB	n/a	=	18	µg/L	EPA 515.3	0.07	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	
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	2,4-DB	n/a	=	17.5	µg/L	EPA 515.3	0.07	2			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	2,4-DB	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	2,4-DB	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	2,4-DB	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	2,4-DB	n/a	=	14.2	µg/L	EPA 515.3	0.07	2			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	2,4-DB	n/a	=	14.3	µg/L	EPA 515.3	0.07	2			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	2,4-DB	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	2,4-DB	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	2,4-DB	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	2,4-DB	n/a	=	15.5	µg/L	EPA 515.3	0.07	2			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	2,4-DB	n/a	=	15.2	µg/L	EPA 515.3	0.07	2			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	2,4-DB	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	2,4-DB	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8	µg/L	EPA 515.3	0.09	1			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.59	µg/L	EPA 515.3	0.09	1			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.02	µg/L	EPA 515.3	0.09	1			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.7	µg/L	EPA 515.3	0.09	1			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.72	µg/L	EPA 515.3	0.09	1			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.74	µg/L	EPA 515.3	0.09	1			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.84	µg/L	EPA 515.3	0.09	1			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.4	µg/L	EPA 515.3	0.09	1			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.44	µg/L	EPA 515.3	0.09	1			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	4,4'-DDD	n/a	=	0.107	µg/L	EPA 608	0.003	0.05			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	4,4'-DDD	n/a	=	0.111	µg/L	EPA 608	0.003	0.05			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	4,4'-DDD	n/a	=	111	%	EPA 608	-88	-88	30	141	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	4,4'-DDD	n/a	=	107	%	EPA 608	-88	-88	30	141	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	4,4'-DDD	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	4,4'-DDD	n/a	DNQ	0.0442	µg/L	EPA 608	0.003	0.05			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	4,4'-DDD	n/a	DNQ	0.0489	µg/L	EPA 608	0.003	0.05			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	4,4'-DDD	n/a	=	49	%	EPA 608	-88	-88	30	141	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	4,4'-DDD	n/a	=	44	%	EPA 608	-88	-88	30	141	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	4,4'-DDD	n/a	=	10	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	4,4'-DDD	n/a	=	0.0724	µg/L	EPA 608	0.003	0.05			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	4,4'-DDD	n/a	=	0.075	µg/L	EPA 608	0.003	0.05			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	4,4'-DDD	n/a	=	75	%	EPA 608	-88	-88	30	141	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	4,4'-DDD	n/a	=	72	%	EPA 608	-88	-88	30	141	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	4,4'-DDD	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	4,4'-DDE	n/a	=	0.0905	µg/L	EPA 608	0.0025	0.05			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	4,4'-DDE	n/a	=	0.089	µg/L	EPA 608	0.0025	0.05			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	4,4'-DDE	n/a	=	89	%	EPA 608	-88	-88	30	145	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	4,4'-DDE	n/a	=	90	%	EPA 608	-88	-88	30	145	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	4,4'-DDE	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	4,4'-DDE	n/a	DNQ	0.0418	µg/L	EPA 608	0.0025	0.05			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	4,4'-DDE	n/a	=	0.05	µg/L	EPA 608	0.0025	0.05			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	4,4'-DDE	n/a	=	50	%	EPA 608	-88	-88	30	145	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	4,4'-DDE	n/a	=	42	%	EPA 608	-88	-88	30	145	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	4,4'-DDE	n/a	=	18	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	4,4'-DDE	n/a	=	0.0789	µg/L	EPA 608	0.0025	0.05			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	4,4'-DDE	n/a	=	0.0861	µg/L	EPA 608	0.0025	0.05			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	4,4'-DDE	n/a	=	86	%	EPA 608	-88	-88	30	145	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	4,4'-DDE	n/a	=	79	%	EPA 608	-88	-88	30	145	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	4,4'-DDE	n/a	=	9	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	4,4'-DDT	n/a	=	0.0803	µg/L	EPA 608	0.0031	0.01			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	4,4'-DDT	n/a	=	0.0866	µg/L	EPA 608	0.0031	0.01			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	4,4'-DDT	n/a	=	87	%	EPA 608	-88	-88	25	160	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	4,4'-DDT	n/a	=	80	%	EPA 608	-88	-88	25	160	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	4,4'-DDT	n/a	=	8	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	4,4'-DDT	n/a	=	0.0474	µg/L	EPA 608	0.0031	0.01			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	4,4'-DDT	n/a	=	0.0574	µg/L	EPA 608	0.0031	0.01			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	4,4'-DDT	n/a	=	57	%	EPA 608	-88	-88	25	160	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	4,4'-DDT	n/a	=	47	%	EPA 608	-88	-88	25	160	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	4,4'-DDT	n/a	=	19	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	4,4'-DDT	n/a	=	0.099	µg/L	EPA 608	0.0031	0.01			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	4,4'-DDT	n/a	=	0.105	µg/L	EPA 608	0.0031	0.01			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	4,4'-DDT	n/a	=	105	%	EPA 608	-88	-88	25	160	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	4,4'-DDT	n/a	=	99	%	EPA 608	-88	-88	25	160	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	4,4'-DDT	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Acifluorfen	n/a	=	4.87	µg/L	EPA 515.3	0.06	0.4			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Acifluorfen	n/a	=	122	%	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	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	Acifluorfen	n/a	=	3.65	µg/L	EPA 515.3	0.06	0.4			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	Acifluorfen	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Acifluorfen	n/a	=	3.03	µg/L	EPA 515.3	0.06	0.4			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Acifluorfen	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	Acifluorfen	n/a	=	4.12	µg/L	EPA 515.3	0.06	0.4			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	Acifluorfen	n/a	=	4.02	µg/L	EPA 515.3	0.06	0.4			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	Acifluorfen	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	Acifluorfen	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	Acifluorfen	n/a	=	5.67	µg/L	EPA 515.3	0.06	0.4			GB
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	Acifluorfen	n/a	=	5.82	µg/L	EPA 515.3	0.06	0.4			GB
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	Acifluorfen	n/a	=	146	%	EPA 515.3	-88	-88	70	130	GB
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	Acifluorfen	n/a	=	142	%	EPA 515.3	-88	-88	70	130	GB
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	Acifluorfen	n/a	=	3.49	µg/L	EPA 515.3	0.06	0.4			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	Acifluorfen	n/a	=	2.26	µg/L	EPA 515.3	0.06	0.4			GB
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	Acifluorfen	n/a	=	56	%	EPA 515.3	-88	-88	70	130	GB
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	Acifluorfen	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	Acifluorfen	n/a	=	43	%	EPA 515.3	-88	-88	0	30	IL
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Alachlor	n/a	=	4.05	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Alachlor	n/a	=	81	%	EPA 525.2	-88	-88	58	164	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Alachlor	n/a	=	4.01	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Alachlor	n/a	=	4.04	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Alachlor	n/a	=	4.12	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Alachlor	n/a	=	4.16	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Alachlor	n/a	=	83	%	EPA 525.2	-88	-88	58	164	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Alachlor	n/a	=	82	%	EPA 525.2	-88	-88	58	164	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Alachlor	n/a	=	81	%	EPA 525.2	-88	-88	58	164	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Alachlor	n/a	=	80	%	EPA 525.2	-88	-88	58	164	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Alachlor	n/a	=	3.52	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Alachlor	n/a	=	3.59	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Alachlor	n/a	=	72	%	EPA 525.2	-88	-88	58	164	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Alachlor	n/a	=	70	%	EPA 525.2	-88	-88	58	164	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Aldrin	n/a	=	0.0704	µg/L	EPA 608	0.0015	0.005			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	Aldrin	n/a	=	0.0821	µg/L	EPA 608	0.0015	0.005			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	Aldrin	n/a	=	82	%	EPA 608	-88	-88	42	122	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Aldrin	n/a	=	70	%	EPA 608	-88	-88	42	122	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	Aldrin	n/a	=	15	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	Aldrin	n/a	=	0.033	µg/L	EPA 608	0.0015	0.005			EUM
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	Aldrin	n/a	=	0.0348	µg/L	EPA 608	0.0015	0.005			EUM
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	Aldrin	n/a	=	35	%	EPA 608	-88	-88	42	122	EUM
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	Aldrin	n/a	=	33	%	EPA 608	-88	-88	42	122	EUM
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	Aldrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Aldrin	n/a	=	0.0773	µg/L	EPA 608	0.0015	0.005			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Aldrin	n/a	=	0.0851	µg/L	EPA 608	0.0015	0.005			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Aldrin	n/a	=	85	%	EPA 608	-88	-88	42	122	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Aldrin	n/a	=	77	%	EPA 608	-88	-88	42	122	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Aldrin	n/a	=	10	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	alpha-BHC	n/a	=	0.0883	µg/L	EPA 608	0.0018	0.01			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	alpha-BHC	n/a	=	0.0985	µg/L	EPA 608	0.0018	0.01			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	alpha-BHC	n/a	=	98	%	EPA 608	-88	-88	37	134	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	alpha-BHC	n/a	=	88	%	EPA 608	-88	-88	37	134	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	alpha-BHC	n/a	=	11	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	alpha-BHC	n/a	=	0.0384	µg/L	EPA 608	0.0018	0.01			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	alpha-BHC	n/a	=	0.0396	µg/L	EPA 608	0.0018	0.01			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	alpha-BHC	n/a	=	40	%	EPA 608	-88	-88	37	134	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	alpha-BHC	n/a	=	38	%	EPA 608	-88	-88	37	134	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	alpha-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	alpha-BHC	n/a	=	0.073	µg/L	EPA 608	0.0018	0.01			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	alpha-BHC	n/a	=	0.0807	µg/L	EPA 608	0.0018	0.01			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	alpha-BHC	n/a	=	81	%	EPA 608	-88	-88	37	134	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	alpha-BHC	n/a	=	73	%	EPA 608	-88	-88	37	134	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	alpha-BHC	n/a	=	10	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2011/12-1	Lab	method blank	10/13/2011	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2011/12-1	Lab	method blank	10/25/2011	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Atrazine	n/a	=	5.41	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	68	133	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Atrazine	n/a	=	4.96	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Atrazine	n/a	=	4.79	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Atrazine	n/a	=	4.93	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Atrazine	n/a	=	5.15	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Atrazine	n/a	=	99	%	EPA 525.2	-88	-88	68	133	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Atrazine	n/a	=	103	%	EPA 525.2	-88	-88	68	133	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Atrazine	n/a	=	96	%	EPA 525.2	-88	-88	68	133	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Atrazine	n/a	=	99	%	EPA 525.2	-88	-88	68	133	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Atrazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Atrazine	n/a	=	5.21	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Atrazine	n/a	=	4.97	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Atrazine	n/a	=	99	%	EPA 525.2	-88	-88	68	133	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Atrazine	n/a	=	104	%	EPA 525.2	-88	-88	68	133	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Atrazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Azinphos methyl	n/a	=	0.0132	µg/L	EPA 525.2	0.0055	0.01			EUM
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Azinphos methyl	n/a	=	26	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Azinphos methyl	n/a	=	0.0292	µg/L	EPA 525.2	0.0055	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Azinphos methyl	n/a	=	0.0113	µg/L	EPA 525.2	0.0055	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Azinphos methyl	n/a	=	23	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Azinphos methyl	n/a	=	58	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Azinphos methyl	n/a	=	89	%	EPA 525.2	-88	-88	0	25	IL
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Azinphos methyl	n/a	=	0.0421	µg/L	EPA 525.2	0.0055	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Azinphos methyl	n/a	=	0.0258	µg/L	EPA 525.2	0.0055	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Azinphos methyl	n/a	=	52	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Azinphos methyl	n/a	=	84	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Azinphos methyl	n/a	=	48	%	EPA 525.2	-88	-88	0	25	IL
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Azinphos methyl	n/a	=	0.0259	µg/L	EPA 525.2	0.0055	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Azinphos methyl	n/a	=	0.0263	µg/L	EPA 525.2	0.0055	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Azinphos methyl	n/a	=	53	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Azinphos methyl	n/a	=	52	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Azinphos methyl	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Bentazon	n/a	=	15.9	µg/L	EPA 515.3	0.11	2			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Bentazon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	Bentazon	n/a	=	14.9	µg/L	EPA 515.3	0.11	2			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	Bentazon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Bentazon	n/a	=	14.2	µg/L	EPA 515.3	0.11	2			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Bentazon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	Bentazon	n/a	=	14.7	µg/L	EPA 515.3	0.11	2			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	Bentazon	n/a	=	17.7	µg/L	EPA 515.3	0.11	2			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	Bentazon	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	Bentazon	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	Bentazon	n/a	=	19	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	Bentazon	n/a	=	14.7	µg/L	EPA 515.3	0.11	2			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	Bentazon	n/a	=	15.8	µg/L	EPA 515.3	0.11	2			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	Bentazon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	Bentazon	n/a	=	92	%	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	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	Bentazon	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	Bentazon	n/a	=	14.2	µg/L	EPA 515.3	0.11	2			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	Bentazon	n/a	=	14.2	µg/L	EPA 515.3	0.11	2			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	Bentazon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	Bentazon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	Bentazon	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	beta-BHC	n/a	=	0.101	µg/L	EPA 608	0.0031	0.005			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	beta-BHC	n/a	=	0.108	µg/L	EPA 608	0.0031	0.005			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	beta-BHC	n/a	=	108	%	EPA 608	-88	-88	14	147	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	beta-BHC	n/a	=	101	%	EPA 608	-88	-88	14	147	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	beta-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	beta-BHC	n/a	=	0.0471	µg/L	EPA 608	0.0031	0.005			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	beta-BHC	n/a	=	0.048	µg/L	EPA 608	0.0031	0.005			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	beta-BHC	n/a	=	48	%	EPA 608	-88	-88	14	147	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	beta-BHC	n/a	=	47	%	EPA 608	-88	-88	14	147	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	beta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	beta-BHC	n/a	=	0.081	µg/L	EPA 608	0.0031	0.005			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	beta-BHC	n/a	=	0.0889	µg/L	EPA 608	0.0031	0.005			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	beta-BHC	n/a	=	89	%	EPA 608	-88	-88	14	147	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	beta-BHC	n/a	=	81	%	EPA 608	-88	-88	14	147	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	beta-BHC	n/a	=	9	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Bolstar	n/a	=	0.0579	µg/L	EPA 525.2	0.0046	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Bolstar	n/a	=	116	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Bolstar	n/a	=	0.0646	µg/L	EPA 525.2	0.0046	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Bolstar	n/a	=	0.0725	µg/L	EPA 525.2	0.0046	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Bolstar	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Bolstar	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Bolstar	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Bolstar	n/a	=	0.0467	µg/L	EPA 525.2	0.0046	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Bolstar	n/a	=	0.0363	µg/L	EPA 525.2	0.0046	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Bolstar	n/a	=	73	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Bolstar	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Bolstar	n/a	=	25	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Bolstar	n/a	=	0.0623	µg/L	EPA 525.2	0.0046	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Bolstar	n/a	=	0.0644	µg/L	EPA 525.2	0.0046	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Bolstar	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Bolstar	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Bolstar	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Bromacil	n/a	=	4.85	µg/L	EPA 525.2	0.038	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Bromacil	n/a	=	97	%	EPA 525.2	-88	-88	43	177	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	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	
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Bromacil	n/a	=	5.34	µg/L	EPA 525.2	0.038	1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Bromacil	n/a	=	5.47	µg/L	EPA 525.2	0.038	1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Bromacil	n/a	=	5.44	µg/L	EPA 525.2	0.038	1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Bromacil	n/a	=	5.59	µg/L	EPA 525.2	0.038	1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Bromacil	n/a	=	112	%	EPA 525.2	-88	-88	43	177	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Bromacil	n/a	=	109	%	EPA 525.2	-88	-88	43	177	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Bromacil	n/a	=	109	%	EPA 525.2	-88	-88	43	177	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	43	177	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Bromacil	n/a	=	5.32	µg/L	EPA 525.2	0.038	1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Bromacil	n/a	=	5.24	µg/L	EPA 525.2	0.038	1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Bromacil	n/a	=	105	%	EPA 525.2	-88	-88	43	177	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Bromacil	n/a	=	106	%	EPA 525.2	-88	-88	43	177	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Butachlor	n/a	=	4.06	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Butachlor	n/a	=	81	%	EPA 525.2	-88	-88	55	178	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Butachlor	n/a	=	3.9	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Butachlor	n/a	=	4.09	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Butachlor	n/a	=	3.99	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Butachlor	n/a	=	4.04	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Butachlor	n/a	=	80	%	EPA 525.2	-88	-88	55	178	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Butachlor	n/a	=	81	%	EPA 525.2	-88	-88	55	178	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Butachlor	n/a	=	82	%	EPA 525.2	-88	-88	55	178	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Butachlor	n/a	=	78	%	EPA 525.2	-88	-88	55	178	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Butachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Butachlor	n/a	=	3.65	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Butachlor	n/a	=	3.62	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Butachlor	n/a	=	72	%	EPA 525.2	-88	-88	55	178	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Butachlor	n/a	=	73	%	EPA 525.2	-88	-88	55	178	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Butachlor	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Captan	n/a	=	5.19	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Captan	n/a	=	104	%	EPA 525.2	-88	-88	20	215	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Captan	n/a	=	4.25	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Captan	n/a	=	4.83	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Captan	n/a	=	4.58	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Captan	n/a	=	5.37	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Captan	n/a	=	107	%	EPA 525.2	-88	-88	20	215	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Captan	n/a	=	92	%	EPA 525.2	-88	-88	20	215	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Captan	n/a	=	85	%	EPA 525.2	-88	-88	20	215	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Captan	n/a	=	97	%	EPA 525.2	-88	-88	20	215	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Captan	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Captan	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Captan	n/a	=	3.77	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Captan	n/a	=	4.33	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Captan	n/a	=	87	%	EPA 525.2	-88	-88	20	215	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Captan	n/a	=	75	%	EPA 525.2	-88	-88	20	215	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Captan	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Chloropropham	n/a	=	4.91	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Chloropropham	n/a	=	98	%	EPA 525.2	-88	-88	74	133	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Chloropropham	n/a	=	5.09	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Chloropropham	n/a	=	5.31	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Chloropropham	n/a	=	5.13	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Chloropropham	n/a	=	5.5	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Chloropropham	n/a	=	103	%	EPA 525.2	-88	-88	74	133	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Chloropropham	n/a	=	110	%	EPA 525.2	-88	-88	74	133	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Chloropropham	n/a	=	106	%	EPA 525.2	-88	-88	74	133	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Chloropropham	n/a	=	102	%	EPA 525.2	-88	-88	74	133	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Chloropropham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Chloropropham	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Chloropropham	n/a	=	5.36	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Chloropropham	n/a	=	5.14	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Chloropropham	n/a	=	103	%	EPA 525.2	-88	-88	74	133	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Chloropropham	n/a	=	107	%	EPA 525.2	-88	-88	74	133	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Chloropropham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Chlorpyrifos	n/a	=	0.0705	µg/L	EPA 525.2	0.0069	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Chlorpyrifos	n/a	=	141	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Chlorpyrifos	n/a	=	0.0856	µg/L	EPA 525.2	0.0069	0.01			EUM
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Chlorpyrifos	n/a	=	0.0837	µg/L	EPA 525.2	0.0069	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Chlorpyrifos	n/a	=	167	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Chlorpyrifos	n/a	=	171	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Chlorpyrifos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Chlorpyrifos	n/a	=	0.0721	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	
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Chlorpyrifos	n/a	=	0.0684	µg/L	EPA 525.2	0.0069	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Chlorpyrifos	n/a	=	137	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Chlorpyrifos	n/a	=	144	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Chlorpyrifos	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Chlorpyrifos	n/a	=	0.104	µg/L	EPA 525.2	0.0069	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Chlorpyrifos	n/a	=	0.126	µg/L	EPA 525.2	0.0069	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Chlorpyrifos	n/a	=	201	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Chlorpyrifos	n/a	=	158	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Chlorpyrifos	n/a	=	19	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Coumaphos	n/a	=	0.0505	µg/L	EPA 525.2	0.0051	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Coumaphos	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Coumaphos	n/a	=	0.0679	µg/L	EPA 525.2	0.0051	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Coumaphos	n/a	=	0.0632	µg/L	EPA 525.2	0.0051	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Coumaphos	n/a	=	126	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Coumaphos	n/a	=	136	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Coumaphos	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Coumaphos	n/a	=	0.0425	µg/L	EPA 525.2	0.0051	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Coumaphos	n/a	=	0.0342	µg/L	EPA 525.2	0.0051	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Coumaphos	n/a	=	68	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Coumaphos	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Coumaphos	n/a	=	22	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Coumaphos	n/a	=	0.0831	µg/L	EPA 525.2	0.0051	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Coumaphos	n/a	=	0.094	µg/L	EPA 525.2	0.0051	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Coumaphos	n/a	=	188	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Coumaphos	n/a	=	166	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Coumaphos	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Cyanazine	n/a	=	5.15	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Cyanazine	n/a	=	103	%	EPA 525.2	-88	-88	69	131	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Cyanazine	n/a	=	4.86	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Cyanazine	n/a	=	4.72	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Cyanazine	n/a	=	5.03	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Cyanazine	n/a	=	5.09	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Cyanazine	n/a	=	101	%	EPA 525.2	-88	-88	69	131	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Cyanazine	n/a	=	102	%	EPA 525.2	-88	-88	69	131	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Cyanazine	n/a	=	97	%	EPA 525.2	-88	-88	69	131	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Cyanazine	n/a	=	94	%	EPA 525.2	-88	-88	69	131	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Cyanazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Cyanazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Cyanazine	n/a	=	5.31	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Cyanazine	n/a	=	5.09	µg/L	EPA 525.2	0.024	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	
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Cyanazine	n/a	=	102	%	EPA 525.2	-88	-88	69	131	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Cyanazine	n/a	=	106	%	EPA 525.2	-88	-88	69	131	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Cyanazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Dalapon	n/a	=	7.89	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Dalapon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	Dalapon	n/a	=	7.62	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Dalapon	n/a	=	7.24	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Dalapon	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	Dalapon	n/a	=	7.41	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	Dalapon	n/a	=	7.59	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	Dalapon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	Dalapon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	Dalapon	n/a	=	7.45	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	Dalapon	n/a	=	7.52	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	Dalapon	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	Dalapon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	Dalapon	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	Dalapon	n/a	=	7.14	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	Dalapon	n/a	=	7.08	µg/L	EPA 515.3	0.1	0.4			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	Dalapon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	Dalapon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	Dalapon	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	DCPA (Dacthal)	n/a	=	3.56	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	DCPA (Dacthal)	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	DCPA (Dacthal)	n/a	=	3.07	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	DCPA (Dacthal)	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	DCPA (Dacthal)	n/a	=	2.83	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	DCPA (Dacthal)	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	DCPA (Dacthal)	n/a	=	4.17	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	DCPA (Dacthal)	n/a	=	4.12	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	DCPA (Dacthal)	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	DCPA (Dacthal)	n/a	=	75	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	DCPA (Dacthal)	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	DCPA (Dacthal)	n/a	=	3.3	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	DCPA (Dacthal)	n/a	=	3.48	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	DCPA (Dacthal)	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	DCPA (Dacthal)	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	DCPA (Dacthal)	n/a	=	5	%	EPA 515.3	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	DCPA (Dacthal)	n/a	=	2.88	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	DCPA (Dacthal)	n/a	=	2.82	µg/L	EPA 515.3	0.07	0.1			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	DCPA (Dacthal)	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	DCPA (Dacthal)	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	delta-BHC	n/a	=	0.081	µg/L	EPA 608	0.0025	0.005			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	delta-BHC	n/a	=	0.0751	µg/L	EPA 608	0.0025	0.005			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	delta-BHC	n/a	=	75	%	EPA 608	-88	-88	19	140	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	delta-BHC	n/a	=	81	%	EPA 608	-88	-88	19	140	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	delta-BHC	n/a	=	7	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	delta-BHC	n/a	=	0.051	µg/L	EPA 608	0.0025	0.005			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	delta-BHC	n/a	=	0.0543	µg/L	EPA 608	0.0025	0.005			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	delta-BHC	n/a	=	54	%	EPA 608	-88	-88	19	140	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	delta-BHC	n/a	=	51	%	EPA 608	-88	-88	19	140	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	delta-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	delta-BHC	n/a	=	0.066	µg/L	EPA 608	0.0025	0.005			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	delta-BHC	n/a	=	0.0711	µg/L	EPA 608	0.0025	0.005			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	delta-BHC	n/a	=	71	%	EPA 608	-88	-88	19	140	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	delta-BHC	n/a	=	66	%	EPA 608	-88	-88	19	140	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	delta-BHC	n/a	=	7	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Demeton-O	n/a	=	0.0454	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Demeton-O	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Demeton-O	n/a	=	0.061	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Demeton-O	n/a	=	0.0792	µg/L	EPA 525.2	0.01	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Demeton-O	n/a	=	158	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Demeton-O	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Demeton-O	n/a	=	26	%	EPA 525.2	-88	-88	0	25	IL
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Demeton-O	n/a	=	0.0629	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Demeton-O	n/a	=	0.0199	µg/L	EPA 525.2	0.01	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Demeton-O	n/a	=	40	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Demeton-O	n/a	=	126	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Demeton-O	n/a	=	104	%	EPA 525.2	-88	-88	0	25	IL
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Demeton-O	n/a	=	0.0444	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Demeton-O	n/a	=	0.0451	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Demeton-O	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Demeton-O	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Demeton-O	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Demeton-S	n/a	=	0.0454	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Demeton-S	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Demeton-S	n/a	=	0.061	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	
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Demeton-S	n/a	=	0.0792	µg/L	EPA 525.2	0.01	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Demeton-S	n/a	=	158	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Demeton-S	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Demeton-S	n/a	=	26	%	EPA 525.2	-88	-88	0	25	IL
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Demeton-S	n/a	=	0.0629	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Demeton-S	n/a	=	0.0199	µg/L	EPA 525.2	0.01	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Demeton-S	n/a	=	40	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Demeton-S	n/a	=	126	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Demeton-S	n/a	=	104	%	EPA 525.2	-88	-88	0	25	IL
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Demeton-S	n/a	=	0.0444	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Demeton-S	n/a	=	0.0451	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Demeton-S	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Demeton-S	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Demeton-S	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Diazinon	n/a	=	0.0569	µg/L	EPA 525.2	0.0052	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Diazinon	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Diazinon	n/a	=	0.0644	µg/L	EPA 525.2	0.0052	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Diazinon	n/a	=	0.073	µg/L	EPA 525.2	0.0052	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Diazinon	n/a	=	146	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Diazinon	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Diazinon	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Diazinon	n/a	=	0.0574	µg/L	EPA 525.2	0.0052	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Diazinon	n/a	=	0.0469	µg/L	EPA 525.2	0.0052	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Diazinon	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Diazinon	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Diazinon	n/a	=	20	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Diazinon	n/a	=	0.0954	µg/L	EPA 525.2	0.0052	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Diazinon	n/a	=	0.0869	µg/L	EPA 525.2	0.0052	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Diazinon	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Diazinon	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Diazinon	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Dicamba	n/a	=	7.59	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Dicamba	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	Dicamba	n/a	=	6.78	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	Dicamba	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Dicamba	n/a	=	6.55	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Dicamba	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	Dicamba	n/a	=	6.47	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	Dicamba	n/a	=	6.6	µg/L	EPA 515.3	0.12	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	
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	Dicamba	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	Dicamba	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	Dicamba	n/a	=	6.52	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	Dicamba	n/a	=	6.99	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	Dicamba	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	Dicamba	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	Dicamba	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	Dicamba	n/a	=	6.26	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	Dicamba	n/a	=	6.18	µg/L	EPA 515.3	0.12	0.6			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	Dicamba	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	Dicamba	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	Dicamba	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Dichlorprop	n/a	=	8.25	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	Dichlorprop	n/a	=	7.61	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	Dichlorprop	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Dichlorprop	n/a	=	6.74	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Dichlorprop	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	Dichlorprop	n/a	=	7.4	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	Dichlorprop	n/a	=	7.48	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	Dichlorprop	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	Dichlorprop	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	Dichlorprop	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	Dichlorprop	n/a	=	7.81	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	Dichlorprop	n/a	=	8.19	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	Dichlorprop	n/a	=	7.09	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	Dichlorprop	n/a	=	6.85	µg/L	EPA 515.3	0.08	0.3			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	Dichlorprop	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	Dichlorprop	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Dichlorvos	n/a	=	0.0735	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Dichlorvos	n/a	=	147	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Dichlorvos	n/a	=	0.0732	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Dichlorvos	n/a	=	0.0697	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Dichlorvos	n/a	=	139	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Dichlorvos	n/a	=	146	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Dichlorvos	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Dichlorvos	n/a	=	0.0813	µg/L	EPA 525.2	0.0029	0.01			EUM

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Dichlorvos	n/a	=	0.0766	µg/L	EPA 525.2	0.0029	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Dichlorvos	n/a	=	153	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Dichlorvos	n/a	=	163	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Dichlorvos	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Dichlorvos	n/a	=	0.0842	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Dichlorvos	n/a	=	0.0944	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Dichlorvos	n/a	=	189	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Dichlorvos	n/a	=	168	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Dichlorvos	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Dieldrin	n/a	=	0.0998	µg/L	EPA 608	0.0021	0.01			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	Dieldrin	n/a	=	0.0952	µg/L	EPA 608	0.0021	0.01			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	Dieldrin	n/a	=	95	%	EPA 608	-88	-88	36	146	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Dieldrin	n/a	=	100	%	EPA 608	-88	-88	36	146	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	Dieldrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	Dieldrin	n/a	=	0.0446	µg/L	EPA 608	0.0021	0.01			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	Dieldrin	n/a	=	0.0508	µg/L	EPA 608	0.0021	0.01			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	Dieldrin	n/a	=	51	%	EPA 608	-88	-88	36	146	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	Dieldrin	n/a	=	45	%	EPA 608	-88	-88	36	146	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	Dieldrin	n/a	=	13	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Dieldrin	n/a	=	0.0823	µg/L	EPA 608	0.0021	0.01			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Dieldrin	n/a	=	0.0899	µg/L	EPA 608	0.0021	0.01			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Dieldrin	n/a	=	90	%	EPA 608	-88	-88	36	146	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Dieldrin	n/a	=	82	%	EPA 608	-88	-88	36	146	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Dieldrin	n/a	=	9	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Dimethoate	n/a	=	0.0293	µg/L	EPA 525.2	0.0062	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Dimethoate	n/a	=	59	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Dimethoate	n/a	=	0.0385	µg/L	EPA 525.2	0.0062	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Dimethoate	n/a	=	0.0344	µg/L	EPA 525.2	0.0062	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Dimethoate	n/a	=	69	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Dimethoate	n/a	=	77	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Dimethoate	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Dimethoate	n/a	=	0.0303	µg/L	EPA 525.2	0.0062	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Dimethoate	n/a	=	0.0323	µg/L	EPA 525.2	0.0062	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Dimethoate	n/a	=	65	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Dimethoate	n/a	=	61	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Dimethoate	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Dimethoate	n/a	=	0.0414	µg/L	EPA 525.2	0.0062	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Dimethoate	n/a	=	0.0501	µg/L	EPA 525.2	0.0062	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Dimethoate	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Dimethoate	n/a	=	83	%	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	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Dimethoate	n/a	=	19	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Dinoseb	n/a	=	4.66	µg/L	EPA 515.3	0.14	0.4			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Dinoseb	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	Dinoseb	n/a	=	3.95	µg/L	EPA 515.3	0.14	0.4			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	Dinoseb	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Dinoseb	n/a	=	2.17	µg/L	EPA 515.3	0.14	0.4			EUM
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Dinoseb	n/a	=	54	%	EPA 515.3	-88	-88	70	130	EUM
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	Dinoseb	n/a	=	3.89	µg/L	EPA 515.3	0.14	0.4			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	Dinoseb	n/a	=	3.87	µg/L	EPA 515.3	0.14	0.4			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	Dinoseb	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	Dinoseb	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	Dinoseb	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	Dinoseb	n/a	=	4.4	µg/L	EPA 515.3	0.14	0.4			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	Dinoseb	n/a	=	4.53	µg/L	EPA 515.3	0.14	0.4			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	Dinoseb	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	Dinoseb	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	Dinoseb	n/a	=	2.82	µg/L	EPA 515.3	0.14	0.4			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	Dinoseb	n/a	DNQ	0.327	µg/L	EPA 515.3	0.14	0.4			GB
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	Dinoseb	n/a	=	8	%	EPA 515.3	-88	-88	70	130	GB
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	Dinoseb	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	Dinoseb	n/a	=	158	%	EPA 515.3	-88	-88	0	30	IL
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Diphenamid	n/a	=	5.89	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Diphenamid	n/a	=	118	%	EPA 525.2	-88	-88	82	144	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Diphenamid	n/a	=	4.07	µg/L	EPA 525.2	0.024	0.1			EUM
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Diphenamid	n/a	=	4.27	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Diphenamid	n/a	=	4.42	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Diphenamid	n/a	=	4.39	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Diphenamid	n/a	=	88	%	EPA 525.2	-88	-88	82	144	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Diphenamid	n/a	=	88	%	EPA 525.2	-88	-88	82	144	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Diphenamid	n/a	=	85	%	EPA 525.2	-88	-88	82	144	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Diphenamid	n/a	=	81	%	EPA 525.2	-88	-88	82	144	EUM
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Diphenamid	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Diphenamid	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Diphenamid	n/a	=	4.4	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Diphenamid	n/a	=	4.21	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Diphenamid	n/a	=	84	%	EPA 525.2	-88	-88	82	144	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Diphenamid	n/a	=	88	%	EPA 525.2	-88	-88	82	144	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Disulfoton	n/a	=	0.0482	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	
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Disulfoton	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Disulfoton	n/a	=	0.0583	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Disulfoton	n/a	=	0.0716	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Disulfoton	n/a	=	143	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Disulfoton	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Disulfoton	n/a	=	20	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Disulfoton	n/a	=	0.0515	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Disulfoton	n/a	=	0.0155	µg/L	EPA 525.2	0.01	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Disulfoton	n/a	=	31	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Disulfoton	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Disulfoton	n/a	=	107	%	EPA 525.2	-88	-88	0	25	IL
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Disulfoton	n/a	=	0.0464	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Disulfoton	n/a	=	0.0537	µg/L	EPA 525.2	0.01	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Disulfoton	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Disulfoton	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Disulfoton	n/a	=	15	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Endosulfan I	n/a	=	0.0939	µg/L	EPA 608	0.0017	0.02			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	Endosulfan I	n/a	=	0.103	µg/L	EPA 608	0.0017	0.02			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	Endosulfan I	n/a	=	103	%	EPA 608	-88	-88	45	153	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Endosulfan I	n/a	=	94	%	EPA 608	-88	-88	45	153	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	Endosulfan I	n/a	=	9	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	Endosulfan I	n/a	=	0.0458	µg/L	EPA 608	0.0017	0.02			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	Endosulfan I	n/a	=	0.0525	µg/L	EPA 608	0.0017	0.02			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	Endosulfan I	n/a	=	52	%	EPA 608	-88	-88	45	153	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	Endosulfan I	n/a	=	46	%	EPA 608	-88	-88	45	153	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	Endosulfan I	n/a	=	14	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Endosulfan I	n/a	=	0.077	µg/L	EPA 608	0.0017	0.02			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Endosulfan I	n/a	=	0.0844	µg/L	EPA 608	0.0017	0.02			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Endosulfan I	n/a	=	84	%	EPA 608	-88	-88	45	153	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Endosulfan I	n/a	=	77	%	EPA 608	-88	-88	45	153	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Endosulfan I	n/a	=	9	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Endosulfan II	n/a	=	0.0987	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	Endosulfan II	n/a	=	0.102	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	Endosulfan II	n/a	=	102	%	EPA 608	-88	-88	2	202	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Endosulfan II	n/a	=	99	%	EPA 608	-88	-88	2	202	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	Endosulfan II	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	Endosulfan II	n/a	=	0.051	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	Endosulfan II	n/a	=	0.0572	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	Endosulfan II	n/a	=	57	%	EPA 608	-88	-88	2	202	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	Endosulfan II	n/a	=	51	%	EPA 608	-88	-88	2	202	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	Endosulfan II	n/a	=	11	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Endosulfan II	n/a	=	0.0893	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Endosulfan II	n/a	=	0.0949	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Endosulfan II	n/a	=	95	%	EPA 608	-88	-88	2	202	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Endosulfan II	n/a	=	89	%	EPA 608	-88	-88	2	202	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Endosulfan II	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Endosulfan sulfate	n/a	=	0.131	µg/L	EPA 608	0.008	0.05			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	Endosulfan sulfate	n/a	=	0.134	µg/L	EPA 608	0.008	0.05			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	Endosulfan sulfate	n/a	=	134	%	EPA 608	-88	-88	26	144	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Endosulfan sulfate	n/a	=	131	%	EPA 608	-88	-88	26	144	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	Endosulfan sulfate	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	Endosulfan sulfate	n/a	=	0.134	µg/L	EPA 608	0.008	0.05			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	Endosulfan sulfate	n/a	=	0.107	µg/L	EPA 608	0.008	0.05			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	Endosulfan sulfate	n/a	=	107	%	EPA 608	-88	-88	26	144	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	Endosulfan sulfate	n/a	=	134	%	EPA 608	-88	-88	26	144	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	Endosulfan sulfate	n/a	=	22	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Endosulfan sulfate	n/a	=	0.0812	µg/L	EPA 608	0.008	0.05			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Endosulfan sulfate	n/a	=	0.0858	µg/L	EPA 608	0.008	0.05			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Endosulfan sulfate	n/a	=	86	%	EPA 608	-88	-88	26	144	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Endosulfan sulfate	n/a	=	81	%	EPA 608	-88	-88	26	144	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Endosulfan sulfate	n/a	=	5	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Endrin	n/a	=	0.108	µg/L	EPA 608	0.0028	0.01			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	Endrin	n/a	=	0.111	µg/L	EPA 608	0.0028	0.01			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	Endrin	n/a	=	111	%	EPA 608	-88	-88	30	147	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Endrin	n/a	=	108	%	EPA 608	-88	-88	30	147	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	Endrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	Endrin	n/a	=	0.0548	µg/L	EPA 608	0.0028	0.01			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	Endrin	n/a	=	0.0635	µg/L	EPA 608	0.0028	0.01			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	Endrin	n/a	=	64	%	EPA 608	-88	-88	30	147	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	Endrin	n/a	=	55	%	EPA 608	-88	-88	30	147	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	Endrin	n/a	=	15	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Endrin	n/a	=	0.101	µg/L	EPA 608	0.0028	0.01			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Endrin	n/a	=	0.11	µg/L	EPA 608	0.0028	0.01			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Endrin	n/a	=	110	%	EPA 608	-88	-88	30	147	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Endrin	n/a	=	101	%	EPA 608	-88	-88	30	147	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Endrin	n/a	=	9	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Endrin aldehyde	n/a	=	0.0845	µg/L	EPA 608	0.003	0.01			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	Endrin aldehyde	n/a	=	0.0926	µg/L	EPA 608	0.003	0.01			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	Endrin aldehyde	n/a	=	93	%	EPA 608	-88	-88	41	203	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Endrin aldehyde	n/a	=	85	%	EPA 608	-88	-88	41	203	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	Endrin aldehyde	n/a	=	9	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	Endrin aldehyde	n/a	=	0.0303	µg/L	EPA 608	0.003	0.01			EUM
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	Endrin aldehyde	n/a	=	0.0321	µg/L	EPA 608	0.003	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	Endrin aldehyde	n/a	=	32	%	EPA 608	-88	-88	41	203	EUM
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	Endrin aldehyde	n/a	=	30	%	EPA 608	-88	-88	41	203	EUM
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	Endrin aldehyde	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Endrin aldehyde	n/a	=	0.0537	µg/L	EPA 608	0.003	0.01			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Endrin aldehyde	n/a	=	0.0602	µg/L	EPA 608	0.003	0.01			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Endrin aldehyde	n/a	=	60	%	EPA 608	-88	-88	41	203	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Endrin aldehyde	n/a	=	54	%	EPA 608	-88	-88	41	203	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Endrin aldehyde	n/a	=	12	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	EPTC	n/a	=	5.31	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	EPTC	n/a	=	106	%	EPA 525.2	-88	-88	75	110	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	EPTC	n/a	=	4.73	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	EPTC	n/a	=	4.63	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	EPTC	n/a	=	4.8	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	EPTC	n/a	=	4.88	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	EPTC	n/a	=	98	%	EPA 525.2	-88	-88	75	110	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	EPTC	n/a	=	96	%	EPA 525.2	-88	-88	75	110	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	EPTC	n/a	=	93	%	EPA 525.2	-88	-88	75	110	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	EPTC	n/a	=	95	%	EPA 525.2	-88	-88	75	110	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	EPTC	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	EPTC	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	EPTC	n/a	=	4.59	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	EPTC	n/a	=	4.5	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	EPTC	n/a	=	90	%	EPA 525.2	-88	-88	75	110	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	EPTC	n/a	=	92	%	EPA 525.2	-88	-88	75	110	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Ethoprop	n/a	=	0.0615	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Ethoprop	n/a	=	123	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Ethoprop	n/a	=	0.0859	µg/L	EPA 525.2	0.0067	0.01			EUM
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Ethoprop	n/a	=	0.0817	µg/L	EPA 525.2	0.0067	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Ethoprop	n/a	=	163	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Ethoprop	n/a	=	172	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Ethoprop	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Ethoprop	n/a	=	0.068	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Ethoprop	n/a	=	0.0695	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	
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Ethoprop	n/a	=	139	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Ethoprop	n/a	=	136	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Ethoprop	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Ethoprop	n/a	=	0.0807	µg/L	EPA 525.2	0.0067	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Ethoprop	n/a	=	0.0914	µg/L	EPA 525.2	0.0067	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Ethoprop	n/a	=	183	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Ethoprop	n/a	=	161	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Ethoprop	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Ethyl parathion	n/a	=	0.0419	µg/L	EPA 525.2	0.0054	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Ethyl parathion	n/a	=	84	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Ethyl parathion	n/a	=	0.067	µg/L	EPA 525.2	0.0054	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Ethyl parathion	n/a	=	0.0597	µg/L	EPA 525.2	0.0054	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Ethyl parathion	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Ethyl parathion	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Ethyl parathion	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Ethyl parathion	n/a	=	0.0449	µg/L	EPA 525.2	0.0054	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Ethyl parathion	n/a	=	0.0388	µg/L	EPA 525.2	0.0054	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Ethyl parathion	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Ethyl parathion	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Ethyl parathion	n/a	=	15	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Ethyl parathion	n/a	=	0.0658	µg/L	EPA 525.2	0.0054	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Ethyl parathion	n/a	=	0.0746	µg/L	EPA 525.2	0.0054	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Ethyl parathion	n/a	=	149	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Ethyl parathion	n/a	=	132	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Ethyl parathion	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Fensulfothion	n/a	=	0.0648	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Fensulfothion	n/a	=	130	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Fensulfothion	n/a	=	0.102	µg/L	EPA 525.2	0.0029	0.01			EUM
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Fensulfothion	n/a	=	0.0976	µg/L	EPA 525.2	0.0029	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Fensulfothion	n/a	=	195	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Fensulfothion	n/a	=	204	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Fensulfothion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Fensulfothion	n/a	=	0.056	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Fensulfothion	n/a	=	0.0471	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Fensulfothion	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Fensulfothion	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Fensulfothion	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Fensulfothion	n/a	=	0.117	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Fensulfothion	n/a	=	0.134	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Fensulfothion	n/a	=	268	%	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	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Fensulfothion	n/a	=	234	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Fensulfothion	n/a	=	14	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Fenthion	n/a	=	0.0515	µg/L	EPA 525.2	0.0038	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Fenthion	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Fenthion	n/a	=	0.0622	µg/L	EPA 525.2	0.0038	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Fenthion	n/a	=	0.0676	µg/L	EPA 525.2	0.0038	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Fenthion	n/a	=	135	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Fenthion	n/a	=	124	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Fenthion	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Fenthion	n/a	=	0.05	µg/L	EPA 525.2	0.0038	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Fenthion	n/a	=	0.0389	µg/L	EPA 525.2	0.0038	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Fenthion	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Fenthion	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Fenthion	n/a	=	25	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Fenthion	n/a	=	0.0592	µg/L	EPA 525.2	0.0038	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Fenthion	n/a	=	0.0667	µg/L	EPA 525.2	0.0038	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Fenthion	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Fenthion	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Fenthion	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0805	µg/L	EPA 608	0.0021	0.02			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0974	µg/L	EPA 608	0.0021	0.02			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	97	%	EPA 608	-88	-88	32	127	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	81	%	EPA 608	-88	-88	32	127	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	19	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0416	µg/L	EPA 608	0.0021	0.02			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0433	µg/L	EPA 608	0.0021	0.02			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	43	%	EPA 608	-88	-88	32	127	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	42	%	EPA 608	-88	-88	32	127	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0737	µg/L	EPA 608	0.0021	0.02			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0816	µg/L	EPA 608	0.0021	0.02			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	82	%	EPA 608	-88	-88	32	127	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	74	%	EPA 608	-88	-88	32	127	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	gamma-BHC (Lindane)	n/a	=	10	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2011/12-1	Lab	method blank	10/13/2011	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2011/12-1	Lab	method blank	10/25/2011	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Pesticide	Glyphosate	n/a	=	32	µg/L	EPA 547	1.8	5			
2011/12-1	000NONPJ	matrix spike	10/10/2011	Pesticide	Glyphosate	n/a	=	24.4	µg/L	EPA 547	1.8	5			
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Pesticide	Glyphosate	n/a	=	29.3	µg/L	EPA 547	1.8	5			
2011/12-1	000NONPJ	matrix spike dup	10/10/2011	Pesticide	Glyphosate	n/a	=	24.2	µg/L	EPA 547	1.8	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Pesticide	Glyphosate	n/a	=	117	%	EPA 547	-88	-88	68	134	
2011/12-1	000NONPJ	matrix spike dup, rec	10/10/2011	Pesticide	Glyphosate	n/a	=	97	%	EPA 547	-88	-88	68	134	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Pesticide	Glyphosate	n/a	=	98	%	EPA 547	-88	-88	68	134	
2011/12-1	000NONPJ	matrix spike, rec	10/10/2011	Pesticide	Glyphosate	n/a	=	128	%	EPA 547	-88	-88	68	134	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Pesticide	Glyphosate	n/a	=	9	%	EPA 547	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/10/2011	Pesticide	Glyphosate	n/a	=	1	%	EPA 547	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/18/2011	Pesticide	Glyphosate	n/a	=	20.9	µg/L	EPA 547	1.8	5			
2011/12-1	000NONPJ	matrix spike dup	10/18/2011	Pesticide	Glyphosate	n/a	=	19	µg/L	EPA 547	1.8	5			GB
2011/12-1	000NONPJ	matrix spike dup, rec	10/18/2011	Pesticide	Glyphosate	n/a	=	62	%	EPA 547	-88	-88	68	134	GB
2011/12-1	000NONPJ	matrix spike, rec	10/18/2011	Pesticide	Glyphosate	n/a	=	69	%	EPA 547	-88	-88	68	134	
2011/12-1	000NONPJ	matrix spike, RPD	10/18/2011	Pesticide	Glyphosate	n/a	=	10	%	EPA 547	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike	10/19/2011	Pesticide	Glyphosate	n/a	=	36.2	µg/L	EPA 547	1.8	5			
2011/12-1	000NONPJ	matrix spike	10/19/2011	Pesticide	Glyphosate	n/a	=	38	µg/L	EPA 547	1.8	5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Pesticide	Glyphosate	n/a	=	40.6	µg/L	EPA 547	1.8	5			
2011/12-1	000NONPJ	matrix spike dup	10/19/2011	Pesticide	Glyphosate	n/a	=	34	µg/L	EPA 547	1.8	5			
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Pesticide	Glyphosate	n/a	=	98	%	EPA 547	-88	-88	68	134	
2011/12-1	000NONPJ	matrix spike dup, rec	10/19/2011	Pesticide	Glyphosate	n/a	=	115	%	EPA 547	-88	-88	68	134	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Pesticide	Glyphosate	n/a	=	88	%	EPA 547	-88	-88	68	134	
2011/12-1	000NONPJ	matrix spike, rec	10/19/2011	Pesticide	Glyphosate	n/a	=	125	%	EPA 547	-88	-88	68	134	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Pesticide	Glyphosate	n/a	=	7	%	EPA 547	-88	-88	0	30	
2011/12-1	000NONPJ	matrix spike, RPD	10/19/2011	Pesticide	Glyphosate	n/a	=	7	%	EPA 547	-88	-88	0	30	
2011/12-1	Lab	LCS	10/10/2011	Pesticide	Glyphosate	n/a	=	24.1	µg/L	EPA 547	1.8	5			
2011/12-1	Lab	LCS, rec	10/10/2011	Pesticide	Glyphosate	n/a	=	97	%	EPA 547	-88	-88	71	137	
2011/12-1	Lab	method blank	10/10/2011	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2011/12-1	Lab	LCS	10/17/2011	Pesticide	Glyphosate	n/a	=	27.2	µg/L	EPA 547	1.8	5			
2011/12-1	Lab	LCS, rec	10/17/2011	Pesticide	Glyphosate	n/a	=	109	%	EPA 547	-88	-88	71	137	
2011/12-1	Lab	method blank	10/17/2011	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	Glyphosate	n/a	=	25.6	µg/L	EPA 547	1.8	5			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	Glyphosate	n/a	=	103	%	EPA 547	-88	-88	71	137	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Glyphosate	n/a	=	26.9	µg/L	EPA 547	1.8	5			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Glyphosate	n/a	=	107	%	EPA 547	-88	-88	71	137	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2011/12-1	ME-CC	matrix spike	10/17/2011	Pesticide	Glyphosate	n/a	=	46.7	µg/L	EPA 547	1.8	5			
2011/12-1	ME-CC	matrix spike dup	10/17/2011	Pesticide	Glyphosate	n/a	=	40.2	µg/L	EPA 547	1.8	5			
2011/12-1	ME-CC	matrix spike dup, rec	10/17/2011	Pesticide	Glyphosate	n/a	=	87	%	EPA 547	-88	-88	68	134	
2011/12-1	ME-CC	matrix spike, rec	10/17/2011	Pesticide	Glyphosate	n/a	=	113	%	EPA 547	-88	-88	68	134	
2011/12-1	ME-CC	matrix spike, RPD	10/17/2011	Pesticide	Glyphosate	n/a	=	15	%	EPA 547	-88	-88	0	30	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Heptachlor	n/a	=	0.0787	µg/L	EPA 608	0.0017	0.01			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	Heptachlor	n/a	=	0.0876	µg/L	EPA 608	0.0017	0.01			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	Heptachlor	n/a	=	88	%	EPA 608	-88	-88	34	111	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Heptachlor	n/a	=	79	%	EPA 608	-88	-88	34	111	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	Heptachlor	n/a	=	11	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	Heptachlor	n/a	=	0.0574	µg/L	EPA 608	0.0017	0.01			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	Heptachlor	n/a	=	0.0596	µg/L	EPA 608	0.0017	0.01			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	Heptachlor	n/a	=	60	%	EPA 608	-88	-88	34	111	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	Heptachlor	n/a	=	57	%	EPA 608	-88	-88	34	111	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	Heptachlor	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Heptachlor	n/a	=	0.0853	µg/L	EPA 608	0.0017	0.01			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Heptachlor	n/a	=	0.0935	µg/L	EPA 608	0.0017	0.01			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Heptachlor	n/a	=	93	%	EPA 608	-88	-88	34	111	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Heptachlor	n/a	=	85	%	EPA 608	-88	-88	34	111	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Heptachlor	n/a	=	9	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Heptachlor epoxide	n/a	=	0.0961	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup	10/13/2011	Pesticide	Heptachlor epoxide	n/a	=	0.102	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup, rec	10/13/2011	Pesticide	Heptachlor epoxide	n/a	=	102	%	EPA 608	-88	-88	37	142	
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Heptachlor epoxide	n/a	=	96	%	EPA 608	-88	-88	37	142	
2011/12-1	Lab	LCS, RPD	10/13/2011	Pesticide	Heptachlor epoxide	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS	10/25/2011	Pesticide	Heptachlor epoxide	n/a	=	0.0419	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup	10/25/2011	Pesticide	Heptachlor epoxide	n/a	=	0.0465	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup, rec	10/25/2011	Pesticide	Heptachlor epoxide	n/a	=	46	%	EPA 608	-88	-88	37	142	
2011/12-1	Lab	LCS, rec	10/25/2011	Pesticide	Heptachlor epoxide	n/a	=	42	%	EPA 608	-88	-88	37	142	
2011/12-1	Lab	LCS, RPD	10/25/2011	Pesticide	Heptachlor epoxide	n/a	=	10	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Heptachlor epoxide	n/a	=	0.0788	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Heptachlor epoxide	n/a	=	0.0866	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Heptachlor epoxide	n/a	=	87	%	EPA 608	-88	-88	37	142	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Heptachlor epoxide	n/a	=	79	%	EPA 608	-88	-88	37	142	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Heptachlor epoxide	n/a	=	9	%	EPA 608	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Malathion	n/a	=	0.0403	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Malathion	n/a	=	81	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Malathion	n/a	=	0.0719	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Malathion	n/a	=	0.0668	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Malathion	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Malathion	n/a	=	144	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Malathion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Malathion	n/a	=	0.0425	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Malathion	n/a	=	0.0404	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Malathion	n/a	=	81	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Malathion	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Malathion	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Malathion	n/a	=	0.0901	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Malathion	n/a	=	0.103	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Malathion	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Malathion	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Malathion	n/a	=	14	%	EPA 525.2	-88	-88	0	25	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Merphos	n/a	=	0.0634	µg/L	EPA 525.2	0.0058	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Merphos	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Merphos	n/a	=	0.0975	µg/L	EPA 525.2	0.0058	0.01			EUM
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Merphos	n/a	=	0.0958	µg/L	EPA 525.2	0.0058	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Merphos	n/a	=	192	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Merphos	n/a	=	195	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Merphos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Merphos	n/a	=	0.0784	µg/L	EPA 525.2	0.0058	0.01			EUM
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Merphos	n/a	=	0.0706	µg/L	EPA 525.2	0.0058	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Merphos	n/a	=	141	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Merphos	n/a	=	157	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Merphos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Merphos	n/a	=	0.0591	µg/L	EPA 525.2	0.0058	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Merphos	n/a	=	0.0731	µg/L	EPA 525.2	0.0058	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Merphos	n/a	=	146	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Merphos	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Merphos	n/a	=	21	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Methyl parathion	n/a	=	0.0542	µg/L	EPA 525.2	0.0063	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Methyl parathion	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Methyl parathion	n/a	=	0.0816	µg/L	EPA 525.2	0.0063	0.01			EUM
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Methyl parathion	n/a	=	0.074	µg/L	EPA 525.2	0.0063	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Methyl parathion	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Methyl parathion	n/a	=	163	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Methyl parathion	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Methyl parathion	n/a	=	0.0623	µg/L	EPA 525.2	0.0063	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Methyl parathion	n/a	=	0.0607	µg/L	EPA 525.2	0.0063	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Methyl parathion	n/a	=	121	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Methyl parathion	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Methyl parathion	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Methyl parathion	n/a	=	0.0931	µg/L	EPA 525.2	0.0063	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Methyl parathion	n/a	=	0.108	µg/L	EPA 525.2	0.0063	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Methyl parathion	n/a	=	216	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Methyl parathion	n/a	=	186	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Methyl parathion	n/a	=	15	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Metolachlor	n/a	=	4.23	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Metolachlor	n/a	=	85	%	EPA 525.2	-88	-88	55	170	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Metolachlor	n/a	=	3.93	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	
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Metolachlor	n/a	=	3.91	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Metolachlor	n/a	=	4.08	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Metolachlor	n/a	=	4.01	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Metolachlor	n/a	=	82	%	EPA 525.2	-88	-88	55	170	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Metolachlor	n/a	=	80	%	EPA 525.2	-88	-88	55	170	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Metolachlor	n/a	=	79	%	EPA 525.2	-88	-88	55	170	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Metolachlor	n/a	=	78	%	EPA 525.2	-88	-88	55	170	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Metolachlor	n/a	=	3.48	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Metolachlor	n/a	=	3.51	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Metolachlor	n/a	=	70	%	EPA 525.2	-88	-88	55	170	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Metolachlor	n/a	=	70	%	EPA 525.2	-88	-88	55	170	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Metolachlor	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Metribuzin	n/a	=	4.1	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Metribuzin	n/a	=	82	%	EPA 525.2	-88	-88	44	149	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Metribuzin	n/a	=	3.59	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Metribuzin	n/a	=	3.69	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Metribuzin	n/a	=	3.77	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Metribuzin	n/a	=	3.77	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Metribuzin	n/a	=	75	%	EPA 525.2	-88	-88	44	149	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Metribuzin	n/a	=	75	%	EPA 525.2	-88	-88	44	149	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Metribuzin	n/a	=	74	%	EPA 525.2	-88	-88	44	149	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Metribuzin	n/a	=	72	%	EPA 525.2	-88	-88	44	149	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Metribuzin	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Metribuzin	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Metribuzin	n/a	=	3.56	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Metribuzin	n/a	=	3.43	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Metribuzin	n/a	=	69	%	EPA 525.2	-88	-88	44	149	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Metribuzin	n/a	=	71	%	EPA 525.2	-88	-88	44	149	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Metribuzin	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Mevinphos	n/a	=	0.0709	µg/L	EPA 525.2	0.0042	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Mevinphos	n/a	=	142	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Mevinphos	n/a	=	0.0926	µg/L	EPA 525.2	0.0042	0.01			EUM
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Mevinphos	n/a	=	0.0899	µg/L	EPA 525.2	0.0042	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Mevinphos	n/a	=	180	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Mevinphos	n/a	=	185	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Mevinphos	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	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	
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Mevinphos	n/a	=	0.0768	µg/L	EPA 525.2	0.0042	0.01			EUM
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Mevinphos	n/a	=	0.0738	µg/L	EPA 525.2	0.0042	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Mevinphos	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Mevinphos	n/a	=	154	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Mevinphos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Mevinphos	n/a	=	0.133	µg/L	EPA 525.2	0.0042	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Mevinphos	n/a	=	0.146	µg/L	EPA 525.2	0.0042	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Mevinphos	n/a	=	292	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Mevinphos	n/a	=	266	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Mevinphos	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Molinate	n/a	=	5.44	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Molinate	n/a	=	109	%	EPA 525.2	-88	-88	76	116	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Molinate	n/a	=	4.82	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Molinate	n/a	=	4.92	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Molinate	n/a	=	5.06	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Molinate	n/a	=	5.08	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Molinate	n/a	=	102	%	EPA 525.2	-88	-88	76	116	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Molinate	n/a	=	101	%	EPA 525.2	-88	-88	76	116	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	76	116	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Molinate	n/a	=	96	%	EPA 525.2	-88	-88	76	116	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Molinate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Molinate	n/a	=	4.9	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Molinate	n/a	=	4.72	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Molinate	n/a	=	94	%	EPA 525.2	-88	-88	76	116	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	76	116	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Molinate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Naled	n/a	=	0.135	µg/L	EPA 525.2	0.0076	0.01			EUM
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Naled	n/a	=	270	%	EPA 525.2	-88	-88	5	150	EUM
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Naled	n/a	=	0.217	µg/L	EPA 525.2	0.0076	0.01			EUM
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Naled	n/a	=	0.204	µg/L	EPA 525.2	0.0076	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Naled	n/a	=	408	%	EPA 525.2	-88	-88	5	150	EUM
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Naled	n/a	=	434	%	EPA 525.2	-88	-88	5	150	EUM
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Naled	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Naled	n/a	=	0.0948	µg/L	EPA 525.2	0.0076	0.01			EUM
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Naled	n/a	=	0.0497	µg/L	EPA 525.2	0.0076	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Naled	n/a	=	99	%	EPA 525.2	-88	-88	5	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Naled	n/a	=	190	%	EPA 525.2	-88	-88	5	150	EUM
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Naled	n/a	=	62	%	EPA 525.2	-88	-88	0	25	IL
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Naled	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	
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Naled	n/a	=	0.225	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Naled	n/a	=	0.309	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Naled	n/a	=	618	%	EPA 525.2	-88	-88	5	150	GB
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Naled	n/a	=	450	%	EPA 525.2	-88	-88	5	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Naled	n/a	=	31	%	EPA 525.2	-88	-88	0	25	IL
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Pentachlorophenol	n/a	=	3.86	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	Pentachlorophenol	n/a	=	3.76	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Pentachlorophenol	n/a	=	3.42	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Pentachlorophenol	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	Pentachlorophenol	n/a	=	3.32	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	Pentachlorophenol	n/a	=	3.32	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	Pentachlorophenol	n/a	=	0.06	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	Pentachlorophenol	n/a	=	3.2	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	Pentachlorophenol	n/a	=	3.32	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	Pentachlorophenol	n/a	=	3.19	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	Pentachlorophenol	n/a	=	3.14	µg/L	EPA 515.3	0.04	0.2			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	Pentachlorophenol	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Phorate	n/a	=	0.0589	µg/L	EPA 525.2	0.003	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Phorate	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Phorate	n/a	=	0.078	µg/L	EPA 525.2	0.003	0.01			EUM
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Phorate	n/a	=	0.0788	µg/L	EPA 525.2	0.003	0.01			EUM
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Phorate	n/a	=	158	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Phorate	n/a	=	156	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Phorate	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Phorate	n/a	=	0.0615	µg/L	EPA 525.2	0.003	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Phorate	n/a	=	0.0527	µg/L	EPA 525.2	0.003	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Phorate	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Phorate	n/a	=	123	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Phorate	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Phorate	n/a	=	0.0692	µg/L	EPA 525.2	0.003	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Phorate	n/a	=	0.0782	µg/L	EPA 525.2	0.003	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Phorate	n/a	=	156	%	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	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Phorate	n/a	=	138	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Phorate	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/13/2011	Pesticide	Picloram	n/a	=	3.49	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	Lab	LCS, rec	10/13/2011	Pesticide	Picloram	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	Lab	LCS	10/18/2011	Pesticide	Picloram	n/a	=	3.37	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	Lab	LCS, rec	10/18/2011	Pesticide	Picloram	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/18/2011	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Picloram	n/a	=	3.07	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Picloram	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	ME-CC	matrix spike	10/18/2011	Pesticide	Picloram	n/a	=	3.34	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	ME-CC	matrix spike dup	10/18/2011	Pesticide	Picloram	n/a	=	3.35	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	ME-CC	matrix spike dup, rec	10/18/2011	Pesticide	Picloram	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, rec	10/18/2011	Pesticide	Picloram	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-1	ME-CC	matrix spike, RPD	10/18/2011	Pesticide	Picloram	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-CAM	matrix spike	10/13/2011	Pesticide	Picloram	n/a	=	3.55	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	MO-CAM	matrix spike dup	10/13/2011	Pesticide	Picloram	n/a	=	3.71	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	MO-CAM	matrix spike dup, rec	10/13/2011	Pesticide	Picloram	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, rec	10/13/2011	Pesticide	Picloram	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-CAM	matrix spike, RPD	10/13/2011	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2011/12-1	MO-HUE	matrix spike	10/19/2011	Pesticide	Picloram	n/a	=	3.03	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	MO-HUE	matrix spike dup	10/19/2011	Pesticide	Picloram	n/a	=	2.97	µg/L	EPA 515.3	0.05	0.6			
2011/12-1	MO-HUE	matrix spike dup, rec	10/19/2011	Pesticide	Picloram	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, rec	10/19/2011	Pesticide	Picloram	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-1	MO-HUE	matrix spike, RPD	10/19/2011	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Prometon	n/a	=	3.65	µg/L	EPA 525.2	0.024	0.2			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Prometon	n/a	=	73	%	EPA 525.2	-88	-88	6	110	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Prometon	n/a	=	3.15	µg/L	EPA 525.2	0.024	0.2			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Prometon	n/a	=	2.46	µg/L	EPA 525.2	0.024	0.2			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Prometon	n/a	=	2.9	µg/L	EPA 525.2	0.024	0.2			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Prometon	n/a	=	3.44	µg/L	EPA 525.2	0.024	0.2			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Prometon	n/a	=	69	%	EPA 525.2	-88	-88	6	110	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Prometon	n/a	=	58	%	EPA 525.2	-88	-88	6	110	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Prometon	n/a	=	63	%	EPA 525.2	-88	-88	6	110	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Prometon	n/a	=	49	%	EPA 525.2	-88	-88	6	110	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Prometon	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Prometon	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Prometon	n/a	=	2.27	µg/L	EPA 525.2	0.024	0.2			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Prometon	n/a	=	2.55	µg/L	EPA 525.2	0.024	0.2			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Prometon	n/a	=	51	%	EPA 525.2	-88	-88	6	110	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Prometon	n/a	=	45	%	EPA 525.2	-88	-88	6	110	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Prometon	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	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	
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Prometryn	n/a	=	4.04	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Prometryn	n/a	=	81	%	EPA 525.2	-88	-88	34	152	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Prometryn	n/a	=	3.85	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Prometryn	n/a	=	3.93	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Prometryn	n/a	=	3.99	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Prometryn	n/a	=	4.06	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Prometryn	n/a	=	81	%	EPA 525.2	-88	-88	34	152	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Prometryn	n/a	=	80	%	EPA 525.2	-88	-88	34	152	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Prometryn	n/a	=	77	%	EPA 525.2	-88	-88	34	152	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Prometryn	n/a	=	79	%	EPA 525.2	-88	-88	34	152	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Prometryn	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Prometryn	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Prometryn	n/a	=	3.64	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Prometryn	n/a	=	3.76	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Prometryn	n/a	=	75	%	EPA 525.2	-88	-88	34	152	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Prometryn	n/a	=	73	%	EPA 525.2	-88	-88	34	152	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0634	µg/L	EPA 525.2	0.0041	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0716	µg/L	EPA 525.2	0.0041	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0689	µg/L	EPA 525.2	0.0041	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	138	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	143	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0686	µg/L	EPA 525.2	0.0041	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0691	µg/L	EPA 525.2	0.0041	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	138	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	137	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.7	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.078	µg/L	EPA 525.2	0.0041	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0862	µg/L	EPA 525.2	0.0041	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	172	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	156	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Ronnel (Fenchlorphos)	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Simazine	n/a	=	3.88	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Simazine	n/a	=	78	%	EPA 525.2	-88	-88	54	156	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Simazine	n/a	=	4.08	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Simazine	n/a	=	3.91	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Simazine	n/a	=	4.14	µg/L	EPA 525.2	0.015	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	
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Simazine	n/a	=	4.22	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Simazine	n/a	=	83	%	EPA 525.2	-88	-88	54	156	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Simazine	n/a	=	84	%	EPA 525.2	-88	-88	54	156	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Simazine	n/a	=	78	%	EPA 525.2	-88	-88	54	156	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Simazine	n/a	=	82	%	EPA 525.2	-88	-88	54	156	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Simazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Simazine	n/a	=	3.72	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Simazine	n/a	=	3.78	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Simazine	n/a	=	76	%	EPA 525.2	-88	-88	54	156	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Simazine	n/a	=	74	%	EPA 525.2	-88	-88	54	156	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Simazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0496	µg/L	EPA 525.2	0.0031	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0532	µg/L	EPA 525.2	0.0031	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0401	µg/L	EPA 525.2	0.0031	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	28	%	EPA 525.2	-88	-88	0	25	IL
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0525	µg/L	EPA 525.2	0.0031	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0494	µg/L	EPA 525.2	0.0031	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0601	µg/L	EPA 525.2	0.0031	0.01			
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0706	µg/L	EPA 525.2	0.0031	0.01			
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	141	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Terbacil	n/a	=	5.66	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	66	140	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Terbacil	n/a	=	5.11	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Terbacil	n/a	=	4.53	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Terbacil	n/a	=	4.98	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Terbacil	n/a	=	5.2	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Terbacil	n/a	=	104	%	EPA 525.2	-88	-88	66	140	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	66	140	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Terbacil	n/a	=	102	%	EPA 525.2	-88	-88	66	140	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Terbacil	n/a	=	91	%	EPA 525.2	-88	-88	66	140	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Terbacil	n/a	=	14	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Terbacil	n/a	=	4.67	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Terbacil	n/a	=	4.57	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Terbacil	n/a	=	91	%	EPA 525.2	-88	-88	66	140	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Terbacil	n/a	=	93	%	EPA 525.2	-88	-88	66	140	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Thiobencarb	n/a	=	4.55	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Thiobencarb	n/a	=	91	%	EPA 525.2	-88	-88	57	162	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Thiobencarb	n/a	=	3.92	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Thiobencarb	n/a	=	3.95	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Thiobencarb	n/a	=	3.9	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Thiobencarb	n/a	=	3.99	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Thiobencarb	n/a	=	78	%	EPA 525.2	-88	-88	57	162	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Thiobencarb	n/a	=	80	%	EPA 525.2	-88	-88	57	162	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Thiobencarb	n/a	=	78	%	EPA 525.2	-88	-88	57	162	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Thiobencarb	n/a	=	79	%	EPA 525.2	-88	-88	57	162	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Thiobencarb	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Thiobencarb	n/a	=	3.31	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Thiobencarb	n/a	=	3.35	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Thiobencarb	n/a	=	67	%	EPA 525.2	-88	-88	57	162	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Thiobencarb	n/a	=	66	%	EPA 525.2	-88	-88	57	162	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Tokuthion	n/a	=	0.063	µg/L	EPA 525.2	0.0078	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Tokuthion	n/a	=	126	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Tokuthion	n/a	=	0.0648	µg/L	EPA 525.2	0.0078	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Tokuthion	n/a	=	0.0703	µg/L	EPA 525.2	0.0078	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Tokuthion	n/a	=	141	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Tokuthion	n/a	=	130	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Tokuthion	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Tokuthion	n/a	=	0.0632	µg/L	EPA 525.2	0.0078	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Tokuthion	n/a	=	0.0607	µg/L	EPA 525.2	0.0078	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Tokuthion	n/a	=	121	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Tokuthion	n/a	=	126	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Tokuthion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Tokuthion	n/a	=	0.0765	µg/L	EPA 525.2	0.0078	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Tokuthion	n/a	=	0.0778	µg/L	EPA 525.2	0.0078	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	
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Tokuthion	n/a	=	156	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Tokuthion	n/a	=	153	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Tokuthion	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/13/2011	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2011/12-1	Lab	method blank	10/25/2011	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2011/12-1	Lab	LCS	10/19/2011	Pesticide	Trichloronate	n/a	=	0.067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS, rec	10/19/2011	Pesticide	Trichloronate	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	method blank	10/19/2011	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS	10/20/2011	Pesticide	Trichloronate	n/a	=	0.0731	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS dup	10/20/2011	Pesticide	Trichloronate	n/a	=	0.0737	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS dup, rec	10/20/2011	Pesticide	Trichloronate	n/a	=	147	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/20/2011	Pesticide	Trichloronate	n/a	=	146	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/20/2011	Pesticide	Trichloronate	n/a	=	0.9	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/20/2011	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Trichloronate	n/a	=	0.0694	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS dup	10/21/2011	Pesticide	Trichloronate	n/a	=	0.0666	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	Lab	LCS dup, rec	10/21/2011	Pesticide	Trichloronate	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Trichloronate	n/a	=	139	%	EPA 525.2	-88	-88	50	150	
2011/12-1	Lab	LCS, RPD	10/21/2011	Pesticide	Trichloronate	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-1	MO-FIL	matrix spike	10/19/2011	Pesticide	Trichloronate	n/a	=	0.0759	µg/L	EPA 525.2	0.0067	0.01			GB
2011/12-1	MO-FIL	matrix spike dup	10/19/2011	Pesticide	Trichloronate	n/a	=	0.0811	µg/L	EPA 525.2	0.0067	0.01			GB
2011/12-1	MO-FIL	matrix spike dup, rec	10/19/2011	Pesticide	Trichloronate	n/a	=	162	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, rec	10/19/2011	Pesticide	Trichloronate	n/a	=	152	%	EPA 525.2	-88	-88	50	150	GB
2011/12-1	MO-FIL	matrix spike, RPD	10/19/2011	Pesticide	Trichloronate	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2011/12-1	Lab	LCS	10/21/2011	Pesticide	Trithion	n/a	=	4.46	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS, rec	10/21/2011	Pesticide	Trithion	n/a	=	89	%	EPA 525.2	-88	-88	62	149	
2011/12-1	Lab	method blank	10/21/2011	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Trithion	n/a	=	4.25	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS	10/27/2011	Pesticide	Trithion	n/a	=	4.43	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Trithion	n/a	=	4.34	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS dup	10/27/2011	Pesticide	Trithion	n/a	=	4.28	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Trithion	n/a	=	87	%	EPA 525.2	-88	-88	62	149	
2011/12-1	Lab	LCS dup, rec	10/27/2011	Pesticide	Trithion	n/a	=	86	%	EPA 525.2	-88	-88	62	149	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Trithion	n/a	=	85	%	EPA 525.2	-88	-88	62	149	
2011/12-1	Lab	LCS, rec	10/27/2011	Pesticide	Trithion	n/a	=	89	%	EPA 525.2	-88	-88	62	149	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Trithion	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	LCS, RPD	10/27/2011	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	method blank	10/27/2011	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS	11/4/2011	Pesticide	Trithion	n/a	=	3.99	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS dup	11/4/2011	Pesticide	Trithion	n/a	=	3.84	µg/L	EPA 525.2	0.012	0.1			
2011/12-1	Lab	LCS dup, rec	11/4/2011	Pesticide	Trithion	n/a	=	77	%	EPA 525.2	-88	-88	62	149	
2011/12-1	Lab	LCS, rec	11/4/2011	Pesticide	Trithion	n/a	=	80	%	EPA 525.2	-88	-88	62	149	
2011/12-1	Lab	LCS, RPD	11/4/2011	Pesticide	Trithion	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-1	Lab	method blank	11/4/2011	Pesticide	Trithion	n/a	<	0.012	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	
2011/12-2	000NONPJ	matrix spike	1/26/2012	Anion	Chloride	n/a	=	58.3	mg/L	EPA 300.0	0.5	2.5			D
2011/12-2	000NONPJ	matrix spike	1/26/2012	Anion	Chloride	n/a	=	53.8	mg/L	EPA 300.0	0.5	2.5			D
2011/12-2	000NONPJ	matrix spike dup	1/26/2012	Anion	Chloride	n/a	=	58.6	mg/L	EPA 300.0	0.5	2.5			D
2011/12-2	000NONPJ	matrix spike dup	1/26/2012	Anion	Chloride	n/a	=	53.4	mg/L	EPA 300.0	0.5	2.5			D
2011/12-2	000NONPJ	matrix spike dup, rec	1/26/2012	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike dup, rec	1/26/2012	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike, rec	1/26/2012	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike, rec	1/26/2012	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike, RPD	1/26/2012	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike, RPD	1/26/2012	Anion	Chloride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike	1/28/2012	Anion	Chloride	n/a	=	63.9	mg/L	EPA 300.0	0.5	2.5			D
2011/12-2	000NONPJ	matrix spike	1/28/2012	Anion	Chloride	n/a	=	46	mg/L	EPA 300.0	0.5	2.5			D
2011/12-2	000NONPJ	matrix spike dup	1/28/2012	Anion	Chloride	n/a	=	64	mg/L	EPA 300.0	0.5	2.5			D
2011/12-2	000NONPJ	matrix spike dup	1/28/2012	Anion	Chloride	n/a	=	45.9	mg/L	EPA 300.0	0.5	2.5			D
2011/12-2	000NONPJ	matrix spike dup, rec	1/28/2012	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike dup, rec	1/28/2012	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike, rec	1/28/2012	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike, rec	1/28/2012	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike, RPD	1/28/2012	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike, RPD	1/28/2012	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike	1/31/2012	Anion	Chloride	n/a	=	292	mg/L	EPA 300.0	1	5			D
2011/12-2	000NONPJ	matrix spike	1/31/2012	Anion	Chloride	n/a	=	276	mg/L	EPA 300.0	1	5			D
2011/12-2	000NONPJ	matrix spike dup	1/31/2012	Anion	Chloride	n/a	=	274	mg/L	EPA 300.0	1	5			D
2011/12-2	000NONPJ	matrix spike dup	1/31/2012	Anion	Chloride	n/a	=	292	mg/L	EPA 300.0	1	5			D
2011/12-2	000NONPJ	matrix spike dup, rec	1/31/2012	Anion	Chloride	n/a	=	89	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike dup, rec	1/31/2012	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike, rec	1/31/2012	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike, rec	1/31/2012	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	000NONPJ	matrix spike, RPD	1/31/2012	Anion	Chloride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike, RPD	1/31/2012	Anion	Chloride	n/a	=	0.07	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	Lab	LCS	1/24/2012	Anion	Chloride	n/a	=	3.7	mg/L	EPA 300.0	0.1	0.5			
2011/12-2	Lab	LCS, rec	1/24/2012	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	90	110	
2011/12-2	Lab	method blank	1/24/2012	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2011/12-2	Lab	LCS	1/26/2012	Anion	Chloride	n/a	=	3.8	mg/L	EPA 300.0	0.1	0.5			
2011/12-2	Lab	LCS, rec	1/26/2012	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	90	110	
2011/12-2	Lab	method blank	1/26/2012	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2011/12-2	Lab	LCS	1/28/2012	Anion	Chloride	n/a	=	3.72	mg/L	EPA 300.0	0.1	0.5			
2011/12-2	Lab	LCS, rec	1/28/2012	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	90	110	
2011/12-2	Lab	method blank	1/28/2012	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2011/12-2	Lab	LCS	1/31/2012	Anion	Chloride	n/a	=	3.7	mg/L	EPA 300.0	0.1	0.5			
2011/12-2	Lab	LCS, rec	1/31/2012	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	90	110	
2011/12-2	Lab	method blank	1/31/2012	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2011/12-2	MO-MPK	matrix spike	1/24/2012	Anion	Chloride	n/a	=	58.8	mg/L	EPA 300.0	1	5			D
2011/12-2	MO-MPK	matrix spike dup	1/24/2012	Anion	Chloride	n/a	=	59.1	mg/L	EPA 300.0	1	5			D
2011/12-2	MO-MPK	matrix spike dup, rec	1/24/2012	Anion	Chloride	n/a	=	89	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	MO-MPK	matrix spike, rec	1/24/2012	Anion	Chloride	n/a	=	88	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	MO-MPK	matrix spike, RPD	1/24/2012	Anion	Chloride	n/a	=	0.6	%	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	
2011/12-2	MO-SIM	matrix spike	1/24/2012	Anion	Chloride	n/a	=	55.7	mg/L	EPA 300.0	1	5			D
2011/12-2	MO-SIM	matrix spike dup	1/24/2012	Anion	Chloride	n/a	=	56	mg/L	EPA 300.0	1	5			D
2011/12-2	MO-SIM	matrix spike dup, rec	1/24/2012	Anion	Chloride	n/a	=	89	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	MO-SIM	matrix spike, rec	1/24/2012	Anion	Chloride	n/a	=	88	%	EPA 300.0	-88	-88	72	118	D
2011/12-2	MO-SIM	matrix spike, RPD	1/24/2012	Anion	Chloride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike	1/26/2012	Anion	Fluoride	n/a	=	10.1	mg/L	EPA 300.0	0.1	0.5			D
2011/12-2	000NONPJ	matrix spike	1/26/2012	Anion	Fluoride	n/a	=	10.3	mg/L	EPA 300.0	0.1	0.5			D
2011/12-2	000NONPJ	matrix spike dup	1/26/2012	Anion	Fluoride	n/a	=	10.3	mg/L	EPA 300.0	0.1	0.5			D
2011/12-2	000NONPJ	matrix spike dup	1/26/2012	Anion	Fluoride	n/a	=	10.4	mg/L	EPA 300.0	0.1	0.5			D
2011/12-2	000NONPJ	matrix spike dup, rec	1/26/2012	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike dup, rec	1/26/2012	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike, rec	1/26/2012	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike, rec	1/26/2012	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike, RPD	1/26/2012	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike, RPD	1/26/2012	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike	1/28/2012	Anion	Fluoride	n/a	=	10	mg/L	EPA 300.0	0.1	0.5			D
2011/12-2	000NONPJ	matrix spike	1/28/2012	Anion	Fluoride	n/a	=	10.1	mg/L	EPA 300.0	0.1	0.5			D
2011/12-2	000NONPJ	matrix spike dup	1/28/2012	Anion	Fluoride	n/a	=	10	mg/L	EPA 300.0	0.1	0.5			D
2011/12-2	000NONPJ	matrix spike dup	1/28/2012	Anion	Fluoride	n/a	=	10.1	mg/L	EPA 300.0	0.1	0.5			D
2011/12-2	000NONPJ	matrix spike dup, rec	1/28/2012	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike dup, rec	1/28/2012	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike, rec	1/28/2012	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike, rec	1/28/2012	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike, RPD	1/28/2012	Anion	Fluoride	n/a	=	0	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike, RPD	1/28/2012	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike	1/31/2012	Anion	Fluoride	n/a	=	20.5	mg/L	EPA 300.0	0.2	1			D
2011/12-2	000NONPJ	matrix spike	1/31/2012	Anion	Fluoride	n/a	=	20.5	mg/L	EPA 300.0	0.2	1			D
2011/12-2	000NONPJ	matrix spike dup	1/31/2012	Anion	Fluoride	n/a	=	20.7	mg/L	EPA 300.0	0.2	1			D
2011/12-2	000NONPJ	matrix spike dup	1/31/2012	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.2	1			D
2011/12-2	000NONPJ	matrix spike dup, rec	1/31/2012	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike dup, rec	1/31/2012	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike, rec	1/31/2012	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike, rec	1/31/2012	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	000NONPJ	matrix spike, RPD	1/31/2012	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike, RPD	1/31/2012	Anion	Fluoride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	Lab	LCS	1/24/2012	Anion	Fluoride	n/a	=	2.11	mg/L	EPA 300.0	0.02	0.1			
2011/12-2	Lab	LCS, rec	1/24/2012	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	90	110	
2011/12-2	Lab	method blank	1/24/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2011/12-2	Lab	LCS	1/26/2012	Anion	Fluoride	n/a	=	2.08	mg/L	EPA 300.0	0.02	0.1			
2011/12-2	Lab	LCS, rec	1/26/2012	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2011/12-2	Lab	method blank	1/26/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2011/12-2	Lab	LCS	1/28/2012	Anion	Fluoride	n/a	=	2.11	mg/L	EPA 300.0	0.02	0.1			
2011/12-2	Lab	LCS, rec	1/28/2012	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	90	110	
2011/12-2	Lab	method blank	1/28/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2011/12-2	Lab	LCS	1/31/2012	Anion	Fluoride	n/a	=	1.95	mg/L	EPA 300.0	0.02	0.1			
2011/12-2	Lab	LCS, rec	1/31/2012	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2011/12-2	Lab	method blank	1/31/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-MPK	matrix spike	1/24/2012	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.2	1			D
2011/12-2	MO-MPK	matrix spike dup	1/24/2012	Anion	Fluoride	n/a	=	20.5	mg/L	EPA 300.0	0.2	1			D
2011/12-2	MO-MPK	matrix spike dup, rec	1/24/2012	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	MO-MPK	matrix spike, rec	1/24/2012	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	MO-MPK	matrix spike, RPD	1/24/2012	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	MO-SIM	matrix spike	1/24/2012	Anion	Fluoride	n/a	=	20.1	mg/L	EPA 300.0	0.2	1			D
2011/12-2	MO-SIM	matrix spike dup	1/24/2012	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.2	1			D
2011/12-2	MO-SIM	matrix spike dup, rec	1/24/2012	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	MO-SIM	matrix spike, rec	1/24/2012	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	D
2011/12-2	MO-SIM	matrix spike, RPD	1/24/2012	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	D
2011/12-2	000NONPJ	matrix spike	1/26/2012	Anion	Perchlorate	n/a	=	9.08	µg/L	EPA 314.0	0.95	2			
2011/12-2	000NONPJ	matrix spike dup	1/26/2012	Anion	Perchlorate	n/a	=	9.37	µg/L	EPA 314.0	0.95	2			
2011/12-2	000NONPJ	matrix spike dup, rec	1/26/2012	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	80	120	
2011/12-2	000NONPJ	matrix spike, rec	1/26/2012	Anion	Perchlorate	n/a	=	91	%	EPA 314.0	-88	-88	80	120	
2011/12-2	000NONPJ	matrix spike, RPD	1/26/2012	Anion	Perchlorate	n/a	=	3	%	EPA 314.0	-88	-88	0	15	
2011/12-2	000NONPJ	matrix spike	1/27/2012	Anion	Perchlorate	n/a	=	18	µg/L	EPA 314.0	0.95	2			
2011/12-2	000NONPJ	matrix spike dup	1/27/2012	Anion	Perchlorate	n/a	=	16.7	µg/L	EPA 314.0	0.95	2			
2011/12-2	000NONPJ	matrix spike dup, rec	1/27/2012	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	80	120	
2011/12-2	000NONPJ	matrix spike, rec	1/27/2012	Anion	Perchlorate	n/a	=	109	%	EPA 314.0	-88	-88	80	120	
2011/12-2	000NONPJ	matrix spike, RPD	1/27/2012	Anion	Perchlorate	n/a	=	7	%	EPA 314.0	-88	-88	0	15	
2011/12-2	Lab	LCS	1/26/2012	Anion	Perchlorate	n/a	=	11	µg/L	EPA 314.0	0.95	2			
2011/12-2	Lab	LCS, rec	1/26/2012	Anion	Perchlorate	n/a	=	110	%	EPA 314.0	-88	-88	85	115	
2011/12-2	Lab	method blank	1/26/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-2	Lab	LCS	1/27/2012	Anion	Perchlorate	n/a	=	10.3	µg/L	EPA 314.0	0.95	2			
2011/12-2	Lab	LCS, rec	1/27/2012	Anion	Perchlorate	n/a	=	103	%	EPA 314.0	-88	-88	85	115	
2011/12-2	Lab	method blank	1/27/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-2	MO-MEI	field duplicate	1/22/2012	Bacteriological	E. Coli	n/a	=	86640	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2011/12-2	MO-MEI	field duplicate	1/25/2012	Bacteriological	Fecal Coliform	n/a	=	160000	MPN/100 mL	SM 9221 E	2	2	-88	-88	
2011/12-2	MO-MEI	field duplicate	1/22/2012	Bacteriological	Total Coliform	n/a	=	241920	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2011/12-2	Lab	LCS	1/23/2012	Cation	Calcium	Total	=	48.3	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	Lab	LCS, rec	1/23/2012	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2011/12-2	Lab	method blank	1/23/2012	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	Lab	LCS	1/24/2012	Cation	Calcium	Total	=	46.9	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	Lab	LCS, rec	1/24/2012	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2011/12-2	Lab	method blank	1/24/2012	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	ME-CC	matrix spike	1/23/2012	Cation	Calcium	Total	=	107	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	ME-CC	matrix spike dup	1/23/2012	Cation	Calcium	Total	=	105	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	ME-CC	matrix spike dup, rec	1/23/2012	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	1/23/2012	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	1/23/2012	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2011/12-2	ME-SCR	matrix spike	1/23/2012	Cation	Calcium	Total	=	180	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	ME-SCR	matrix spike dup	1/23/2012	Cation	Calcium	Total	=	180	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	ME-SCR	matrix spike dup, rec	1/23/2012	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2011/12-2	ME-SCR	matrix spike, rec	1/23/2012	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2011/12-2	ME-SCR	matrix spike, RPD	1/23/2012	Cation	Calcium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2011/12-2	MO-MEI	matrix spike	1/24/2012	Cation	Calcium	Total	=	62.5	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	MO-MEI	matrix spike dup	1/24/2012	Cation	Calcium	Total	=	62.1	mg/L	EPA 200.7	0.016	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-MEI	matrix spike dup, rec	1/24/2012	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2011/12-2	MO-MEI	matrix spike, rec	1/24/2012	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2011/12-2	MO-MEI	matrix spike, RPD	1/24/2012	Cation	Calcium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2011/12-2	MO-OXN	matrix spike	1/24/2012	Cation	Calcium	Total	=	60.3	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	MO-OXN	matrix spike dup	1/24/2012	Cation	Calcium	Total	=	61.3	mg/L	EPA 200.7	0.016	0.1			
2011/12-2	MO-OXN	matrix spike dup, rec	1/24/2012	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2011/12-2	MO-OXN	matrix spike, rec	1/24/2012	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2011/12-2	MO-OXN	matrix spike, RPD	1/24/2012	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2011/12-2	Lab	LCS	1/23/2012	Cation	Magnesium	Total	=	47.8	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	Lab	LCS, rec	1/23/2012	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2011/12-2	Lab	method blank	1/23/2012	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	Lab	LCS	1/24/2012	Cation	Magnesium	Total	=	47.7	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	Lab	LCS, rec	1/24/2012	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2011/12-2	Lab	method blank	1/24/2012	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	ME-CC	matrix spike	1/23/2012	Cation	Magnesium	Total	=	79.9	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	ME-CC	matrix spike dup	1/23/2012	Cation	Magnesium	Total	=	78.6	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	ME-CC	matrix spike dup, rec	1/23/2012	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	1/23/2012	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	1/23/2012	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2011/12-2	ME-SCR	matrix spike	1/23/2012	Cation	Magnesium	Total	=	98.9	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	ME-SCR	matrix spike dup	1/23/2012	Cation	Magnesium	Total	=	99	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	ME-SCR	matrix spike dup, rec	1/23/2012	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2011/12-2	ME-SCR	matrix spike, rec	1/23/2012	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2011/12-2	ME-SCR	matrix spike, RPD	1/23/2012	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2011/12-2	MO-MEI	matrix spike	1/24/2012	Cation	Magnesium	Total	=	61.1	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	MO-MEI	matrix spike dup	1/24/2012	Cation	Magnesium	Total	=	60.6	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	MO-MEI	matrix spike dup, rec	1/24/2012	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2011/12-2	MO-MEI	matrix spike, rec	1/24/2012	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2011/12-2	MO-MEI	matrix spike, RPD	1/24/2012	Cation	Magnesium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2011/12-2	MO-OXN	matrix spike	1/24/2012	Cation	Magnesium	Total	=	53.2	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	MO-OXN	matrix spike dup	1/24/2012	Cation	Magnesium	Total	=	54.1	mg/L	EPA 200.7	0.012	0.1			
2011/12-2	MO-OXN	matrix spike dup, rec	1/24/2012	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2011/12-2	MO-OXN	matrix spike, rec	1/24/2012	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2011/12-2	MO-OXN	matrix spike, RPD	1/24/2012	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2011/12-2	000NONPJ	lab duplicate	1/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	114	mg/L	SM 2320 B	0.56	2		15	
2011/12-2	000NONPJ	lab duplicate, RPD	1/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	0.6	%	SM 2320 B	-88	-88		15	
2011/12-2	000NONPJ	lab duplicate	1/31/2012	Conventional	Alkalinity as CaCO3	n/a	=	96.3	mg/L	SM 2320 B	0.56	2		15	
2011/12-2	000NONPJ	lab duplicate, RPD	1/31/2012	Conventional	Alkalinity as CaCO3	n/a	=	0	%	SM 2320 B	-88	-88		15	
2011/12-2	Lab	LCS	1/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	250	mg/L	SM 2320 B	0.56	2			
2011/12-2	Lab	LCS, rec	1/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	
2011/12-2	Lab	method blank	1/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	4.24	mg/L	SM 2320 B	0.56	2			IP
2011/12-2	Lab	LCS	1/31/2012	Conventional	Alkalinity as CaCO3	n/a	=	244	mg/L	SM 2320 B	0.56	2			
2011/12-2	Lab	LCS, rec	1/31/2012	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	94	108	
2011/12-2	Lab	method blank	1/31/2012	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	2			
2011/12-2	Lab	LCS	1/27/2012	Conventional	BOD	n/a	=	178	mg/L	SM 5210 B	0.1	2			
2011/12-2	Lab	LCS, rec	1/27/2012	Conventional	BOD	n/a	=	90	%	SM 5210 B	-88	-88	85	115	
2011/12-2	000NONPJ	lab duplicate	1/26/2012	Conventional	COD	n/a	=	5710	mg/L	EPA 410.4	3.6	25			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	
2011/12-2	000NONPJ	lab duplicate, RPD	1/26/2012	Conventional	COD	n/a	=	6	%	EPA 410.4	-88	-88		15	D
2011/12-2	000NONPJ	matrix spike	1/26/2012	Conventional	COD	n/a	=	2280	mg/L	EPA 410.4	1.5	10			D
2011/12-2	000NONPJ	matrix spike	1/26/2012	Conventional	COD	n/a	=	206	mg/L	EPA 410.4	1.5	10			D
2011/12-2	000NONPJ	matrix spike dup	1/26/2012	Conventional	COD	n/a	=	208	mg/L	EPA 410.4	1.5	10			D
2011/12-2	000NONPJ	matrix spike dup	1/26/2012	Conventional	COD	n/a	=	2290	mg/L	EPA 410.4	1.5	10			D
2011/12-2	000NONPJ	matrix spike dup, rec	1/26/2012	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	D
2011/12-2	000NONPJ	matrix spike dup, rec	1/26/2012	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	D
2011/12-2	000NONPJ	matrix spike, rec	1/26/2012	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	D
2011/12-2	000NONPJ	matrix spike, rec	1/26/2012	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	D
2011/12-2	000NONPJ	matrix spike, RPD	1/26/2012	Conventional	COD	n/a	=	0.6	%	EPA 410.4	-88	-88	0	15	D
2011/12-2	000NONPJ	matrix spike, RPD	1/26/2012	Conventional	COD	n/a	=	0.8	%	EPA 410.4	-88	-88	0	15	D
2011/12-2	Lab	LCS	1/26/2012	Conventional	COD	n/a	=	105	mg/L	EPA 410.4	0.73	5			
2011/12-2	Lab	LCS, rec	1/26/2012	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2011/12-2	Lab	method blank	1/26/2012	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2011/12-2	Lab	LCS	2/3/2012	Conventional	Cyanide	Total	=	0.539	mg/L	EPA 335.4	0.0027	0.005			
2011/12-2	Lab	LCS, rec	2/3/2012	Conventional	Cyanide	Total	=	103	%	EPA 335.4	-88	-88	90	110	
2011/12-2	Lab	method blank	2/3/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-2	ME-CC	matrix spike	2/3/2012	Conventional	Cyanide	Total	=	0.516	mg/L	EPA 335.4	0.0055	0.01			D
2011/12-2	ME-CC	matrix spike dup	2/3/2012	Conventional	Cyanide	Total	=	0.378	mg/L	EPA 335.4	0.0055	0.01			D,GB
2011/12-2	ME-CC	matrix spike dup, rec	2/3/2012	Conventional	Cyanide	Total	=	72	%	EPA 335.4	-88	-88	90	110	D,GB
2011/12-2	ME-CC	matrix spike, rec	2/3/2012	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	D
2011/12-2	ME-CC	matrix spike, RPD	2/3/2012	Conventional	Cyanide	Total	=	31	%	EPA 335.4	-88	-88	0	20	D,IL
2011/12-2	ME-SCR	matrix spike	2/3/2012	Conventional	Cyanide	Total	=	0.498	mg/L	EPA 335.4	0.0055	0.01			D
2011/12-2	ME-SCR	matrix spike dup	2/3/2012	Conventional	Cyanide	Total	=	0.55	mg/L	EPA 335.4	0.0055	0.01			D
2011/12-2	ME-SCR	matrix spike dup, rec	2/3/2012	Conventional	Cyanide	Total	=	105	%	EPA 335.4	-88	-88	90	110	D
2011/12-2	ME-SCR	matrix spike, rec	2/3/2012	Conventional	Cyanide	Total	=	95	%	EPA 335.4	-88	-88	90	110	D
2011/12-2	ME-SCR	matrix spike, RPD	2/3/2012	Conventional	Cyanide	Total	=	10	%	EPA 335.4	-88	-88	0	20	D
2011/12-2	MO-VEN	field duplicate	2/3/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-2	Lab	LCS	1/22/2012	Conventional	MBAS	n/a	=	0.198	mg/L	SM 5540 C	0.019	0.05			
2011/12-2	Lab	LCS, rec	1/22/2012	Conventional	MBAS	n/a	=	99	%	SM 5540 C	-88	-88	79	113	
2011/12-2	Lab	method blank	1/22/2012	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2011/12-2	MO-HUE	matrix spike	1/22/2012	Conventional	MBAS	n/a	=	0.358	mg/L	SM 5540 C	0.019	0.05			
2011/12-2	MO-HUE	matrix spike dup	1/22/2012	Conventional	MBAS	n/a	=	0.366	mg/L	SM 5540 C	0.019	0.05			
2011/12-2	MO-HUE	matrix spike dup, rec	1/22/2012	Conventional	MBAS	n/a	=	101	%	SM 5540 C	-88	-88	77	118	
2011/12-2	MO-HUE	matrix spike, rec	1/22/2012	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	77	118	
2011/12-2	MO-HUE	matrix spike, RPD	1/22/2012	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2011/12-2	Lab	LCS	1/31/2012	Conventional	Phenolics	n/a	=	0.103	mg/L	EPA 420.4	0.0042	0.01			
2011/12-2	Lab	LCS, rec	1/31/2012	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2011/12-2	Lab	method blank	1/31/2012	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2011/12-2	ME-VR2	matrix spike	1/31/2012	Conventional	Phenolics	n/a	=	0.209	mg/L	EPA 420.4	0.0042	0.01			GB
2011/12-2	ME-VR2	matrix spike dup	1/31/2012	Conventional	Phenolics	n/a	=	0.206	mg/L	EPA 420.4	0.0042	0.01			GB
2011/12-2	ME-VR2	matrix spike dup, rec	1/31/2012	Conventional	Phenolics	n/a	=	63	%	EPA 420.4	-88	-88	90	110	GB
2011/12-2	ME-VR2	matrix spike, rec	1/31/2012	Conventional	Phenolics	n/a	=	65	%	EPA 420.4	-88	-88	90	110	GB
2011/12-2	ME-VR2	matrix spike, RPD	1/31/2012	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2011/12-2	MO-CAM	matrix spike	1/31/2012	Conventional	Phenolics	n/a	=	0.225	mg/L	EPA 420.4	0.0042	0.01			
2011/12-2	MO-CAM	matrix spike dup	1/31/2012	Conventional	Phenolics	n/a	=	0.221	mg/L	EPA 420.4	0.0042	0.01			
2011/12-2	MO-CAM	matrix spike dup, rec	1/31/2012	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-CAM	matrix spike, rec	1/31/2012	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2011/12-2	MO-CAM	matrix spike, RPD	1/31/2012	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2011/12-2	000NONPJ	lab duplicate	1/24/2012	Conventional	Specific Conductance	n/a	=	379	µmhos/cm	SM 2510 B	0.23	2		4.28	
2011/12-2	000NONPJ	lab duplicate, RPD	1/24/2012	Conventional	Specific Conductance	n/a	=	0.8	%	SM 2510 B	-88	-88		5	
2011/12-2	000NONPJ	lab duplicate	1/31/2012	Conventional	Specific Conductance	n/a	=	986	µmhos/cm	SM 2510 B	0.23	2		4.28	
2011/12-2	000NONPJ	lab duplicate, RPD	1/31/2012	Conventional	Specific Conductance	n/a	=	0.3	%	SM 2510 B	-88	-88		5	
2011/12-2	Lab	LCS	1/24/2012	Conventional	Specific Conductance	n/a	=	203	µmhos/cm	SM 2510 B	0.23	2			
2011/12-2	Lab	LCS, rec	1/24/2012	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2011/12-2	Lab	method blank	1/24/2012	Conventional	Specific Conductance	n/a	DNQ	0.35	µmhos/cm	SM 2510 B	0.23	2			IP
2011/12-2	Lab	LCS	1/31/2012	Conventional	Specific Conductance	n/a	=	831	µmhos/cm	SM 2510 B	0.23	2			
2011/12-2	Lab	LCS, rec	1/31/2012	Conventional	Specific Conductance	n/a	=	97	%	SM 2510 B	-88	-88	95	105	
2011/12-2	Lab	method blank	1/31/2012	Conventional	Specific Conductance	n/a	DNQ	0.64	µmhos/cm	SM 2510 B	0.23	2			IP
2011/12-2	000NONPJ	lab duplicate	1/21/2012	Conventional	Total Chlorine Residual	n/a	DNQ	0.138	mg/L	SM 4500-Cl G	0.006	0.2			D
2011/12-2	000NONPJ	lab duplicate, RPD	1/21/2012	Conventional	Total Chlorine Residual	n/a	=	7	%	SM 4500-Cl G	-88	-88	0	15	D
2011/12-2	Lab	LCS	1/21/2012	Conventional	Total Chlorine Residual	n/a	=	0.183	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-2	Lab	LCS dup	1/21/2012	Conventional	Total Chlorine Residual	n/a	=	0.19	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-2	Lab	LCS dup, rec	1/21/2012	Conventional	Total Chlorine Residual	n/a	=	95	%	SM 4500-Cl G	-88	-88			
2011/12-2	Lab	LCS, rec	1/21/2012	Conventional	Total Chlorine Residual	n/a	=	91	%	SM 4500-Cl G	-88	-88	82	112	
2011/12-2	Lab	LCS, RPD	1/21/2012	Conventional	Total Chlorine Residual	n/a	=	4	%	SM 4500-Cl G	-88	-88	0		
2011/12-2	Lab	method blank	1/21/2012	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-2	000NONPJ	lab duplicate	1/25/2012	Conventional	Total Dissolved Solids	n/a	=	713	mg/L	SM 2540 C	4	10		10	
2011/12-2	000NONPJ	lab duplicate	1/25/2012	Conventional	Total Dissolved Solids	n/a	=	370	mg/L	SM 2540 C	4	10		10	
2011/12-2	000NONPJ	lab duplicate, RPD	1/25/2012	Conventional	Total Dissolved Solids	n/a	=	0.8	%	SM 2540 C	-88	-88		10	
2011/12-2	000NONPJ	lab duplicate, RPD	1/25/2012	Conventional	Total Dissolved Solids	n/a	=	0.4	%	SM 2540 C	-88	-88		10	
2011/12-2	Lab	LCS	1/25/2012	Conventional	Total Dissolved Solids	n/a	=	807	mg/L	SM 2540 C	4	10			
2011/12-2	Lab	LCS, rec	1/25/2012	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	91	104	
2011/12-2	Lab	method blank	1/25/2012	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2011/12-2	000NONPJ	matrix spike	1/26/2012	Conventional	Total Organic Carbon	n/a	=	182	mg/L	SM 5310 C	0.36	12			D
2011/12-2	000NONPJ	matrix spike dup	1/26/2012	Conventional	Total Organic Carbon	n/a	=	179	mg/L	SM 5310 C	0.36	12			D
2011/12-2	000NONPJ	matrix spike dup, rec	1/26/2012	Conventional	Total Organic Carbon	n/a	=	88	%	SM 5310 C	-88	-88	84	107	D
2011/12-2	000NONPJ	matrix spike, rec	1/26/2012	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 C	-88	-88	84	107	D
2011/12-2	000NONPJ	matrix spike, RPD	1/26/2012	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	D
2011/12-2	Lab	LCS	1/26/2012	Conventional	Total Organic Carbon	n/a	=	4.93	mg/L	SM 5310 C	0.009	0.3			
2011/12-2	Lab	LCS, rec	1/26/2012	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	90	110	
2011/12-2	Lab	method blank	1/26/2012	Conventional	Total Organic Carbon	n/a	DNQ	0.0911	mg/L	SM 5310 C	0.009	0.3			IP
2011/12-2	000NONPJ	lab duplicate	1/24/2012	Conventional	Total Suspended Solids	n/a	=	654	mg/L	SM 2540 D	5	5		20	
2011/12-2	000NONPJ	lab duplicate	1/24/2012	Conventional	Total Suspended Solids	n/a	=	69	mg/L	SM 2540 D	5	5		20	
2011/12-2	000NONPJ	lab duplicate, RPD	1/24/2012	Conventional	Total Suspended Solids	n/a	=	4	%	SM 2540 D	-88	-88		20	
2011/12-2	000NONPJ	lab duplicate, RPD	1/24/2012	Conventional	Total Suspended Solids	n/a	=	0.6	%	SM 2540 D	-88	-88		20	
2011/12-2	000NONPJ	lab duplicate	1/26/2012	Conventional	Total Suspended Solids	n/a	=	124	mg/L	SM 2540 D	5	5		20	
2011/12-2	000NONPJ	lab duplicate	1/26/2012	Conventional	Total Suspended Solids	n/a	=	245	mg/L	SM 2540 D	5	5		20	
2011/12-2	000NONPJ	lab duplicate, RPD	1/26/2012	Conventional	Total Suspended Solids	n/a	=	2	%	SM 2540 D	-88	-88		20	
2011/12-2	000NONPJ	lab duplicate, RPD	1/26/2012	Conventional	Total Suspended Solids	n/a	=	0.4	%	SM 2540 D	-88	-88		20	
2011/12-2	Lab	method blank	1/24/2012	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2011/12-2	Lab	method blank	1/26/2012	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2011/12-2	000NONPJ	lab duplicate	1/22/2012	Conventional	Turbidity	n/a	=	10.3	NTU	EPA 180.1	0.048	0.2		10	D
2011/12-2	000NONPJ	lab duplicate, RPD	1/22/2012	Conventional	Turbidity	n/a	=	0.6	%	EPA 180.1	-88	-88		10	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	
2011/12-2	Lab	LCS	1/22/2012	Conventional	Turbidity	n/a	=	5.39	NTU	EPA 180.1	0.024	0.1			
2011/12-2	Lab	LCS, rec	1/22/2012	Conventional	Turbidity	n/a	=	104	%	EPA 180.1	-88	-88	90	110	
2011/12-2	Lab	method blank	1/22/2012	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2011/12-2	000NONPJ	lab duplicate	1/24/2012	Conventional	Volatile Suspended Solids	n/a	=	87	mg/L	EPA 160.4	3.1	5		15	
2011/12-2	000NONPJ	lab duplicate, RPD	1/24/2012	Conventional	Volatile Suspended Solids	n/a	=	2	%	EPA 160.4	-88	-88		15	
2011/12-2	000NONPJ	lab duplicate	1/26/2012	Conventional	Volatile Suspended Solids	n/a	=	53	mg/L	EPA 160.4	3.1	5		15	
2011/12-2	000NONPJ	lab duplicate, RPD	1/26/2012	Conventional	Volatile Suspended Solids	n/a	=	2	%	EPA 160.4	-88	-88		15	
2011/12-2	Lab	method blank	1/24/2012	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2011/12-2	Lab	method blank	1/26/2012	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2011/12-2	000NONPJ	matrix spike	1/23/2012	Hydrocarbon	Oil and Grease	n/a	=	17.9	mg/L	EPA 1664A	1.3	5			
2011/12-2	000NONPJ	matrix spike, rec	1/23/2012	Hydrocarbon	Oil and Grease	n/a	=	78	%	EPA 1664A	-88	-88	78	114	
2011/12-2	Lab	LCS	1/23/2012	Hydrocarbon	Oil and Grease	n/a	DNQ	4.7	mg/L	EPA 1664A	1.3	5			
2011/12-2	Lab	LCS	1/23/2012	Hydrocarbon	Oil and Grease	n/a	=	18.1	mg/L	EPA 1664A	1.3	5			
2011/12-2	Lab	LCS dup	1/23/2012	Hydrocarbon	Oil and Grease	n/a	=	18.8	mg/L	EPA 1664A	1.3	5			
2011/12-2	Lab	LCS dup, rec	1/23/2012	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2011/12-2	Lab	LCS, rec	1/23/2012	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2011/12-2	Lab	LCS, rec	1/23/2012	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2011/12-2	Lab	LCS, RPD	1/23/2012	Hydrocarbon	Oil and Grease	n/a	=	4	%	EPA 1664A	-88	-88	0	18	
2011/12-2	Lab	method blank	1/23/2012	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2011/12-2	MO-VEN	field duplicate	1/23/2012	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2011/12-2	Lab	method blank	1/23/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2011/12-2	MO-VEN	field duplicate	1/23/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2011/12-2	Lab	LCS	1/28/2012	Metal	Aluminum	Dissolved	=	47.6	µg/L	EPA 200.8	0.61	5			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Aluminum	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Aluminum	Dissolved	DNQ	0.96	µg/L	EPA 200.8	0.61	5			IP
2011/12-2	Lab	LCS	2/3/2012	Metal	Aluminum	Dissolved	=	48.3	µg/L	EPA 200.8	0.61	5			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Aluminum	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Aluminum	Dissolved	DNQ	1.93	µg/L	EPA 200.8	0.61	5			IP
2011/12-2	Lab	LCS	1/28/2012	Metal	Aluminum	Total	=	47.6	µg/L	EPA 200.8	0.61	5			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Aluminum	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Aluminum	Total	DNQ	0.96	µg/L	EPA 200.8	0.61	5			IP
2011/12-2	Lab	LCS	2/3/2012	Metal	Aluminum	Total	=	48.3	µg/L	EPA 200.8	0.61	5			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Aluminum	Total	DNQ	1.93	µg/L	EPA 200.8	0.61	5			IP
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Aluminum	Total	=	109	µg/L	EPA 200.8	0.61	5			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Aluminum	Total	=	115	µg/L	EPA 200.8	0.61	5			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Aluminum	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Aluminum	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Aluminum	Total	=	760	µg/L	EPA 200.8	0.61	5			CT,GB
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Aluminum	Total	=	798	µg/L	EPA 200.8	0.61	5			CT,GB
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Aluminum	Total	=	-37	%	EPA 200.8	-88	-88	70	130	CT,GB
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Aluminum	Total	=	-112	%	EPA 200.8	-88	-88	70	130	CT,GB
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Aluminum	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Aluminum	Total	=	1490	µg/L	EPA 200.8	0.61	5			CT,GB
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Aluminum	Total	=	1510	µg/L	EPA 200.8	0.61	5			CT,GB
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Aluminum	Total	=	-229	%	EPA 200.8	-88	-88	70	130	CT,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	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Aluminum	Total	=	-264	%	EPA 200.8	-88	-88	70	130	CT,GB
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Aluminum	Total	=	1320	µg/L	EPA 200.8	0.61	5			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Aluminum	Total	=	1310	µg/L	EPA 200.8	0.61	5			CT,GB
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Aluminum	Total	=	62	%	EPA 200.8	-88	-88	70	130	CT,GB
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Aluminum	Total	=	72	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Aluminum	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Antimony	Dissolved	=	47	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	Lab	LCS	2/3/2012	Metal	Antimony	Dissolved	=	49	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Antimony	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	Lab	LCS	1/28/2012	Metal	Antimony	Total	=	47	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	Lab	LCS	2/3/2012	Metal	Antimony	Total	=	49	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Antimony	Total	=	48	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Antimony	Total	=	49	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Antimony	Total	=	47	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Antimony	Total	=	47.1	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Antimony	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Antimony	Total	=	45.5	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Antimony	Total	=	45	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Antimony	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Antimony	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Antimony	Total	=	49	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Antimony	Total	=	46.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Antimony	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Antimony	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Arsenic	Dissolved	=	48.5	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Arsenic	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	Lab	LCS	2/3/2012	Metal	Arsenic	Dissolved	=	50.9	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	Lab	LCS	1/28/2012	Metal	Arsenic	Total	=	48.5	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	method blank	1/28/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	Lab	LCS	2/3/2012	Metal	Arsenic	Total	=	50.9	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Arsenic	Total	=	50.3	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Arsenic	Total	=	51.2	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Arsenic	Total	=	48.8	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Arsenic	Total	=	48.9	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Arsenic	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Arsenic	Total	=	53.9	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Arsenic	Total	=	54.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Arsenic	Total	=	58.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Arsenic	Total	=	56.7	µg/L	EPA 200.8	0.036	0.4			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Arsenic	Total	=	110	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Arsenic	Total	=	113	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Barium	Total	=	46.7	µg/L	EPA 200.8	0.03	0.5			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Barium	Total	<	0.03	µg/L	EPA 200.8	0.03	0.5			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Barium	Total	=	117	µg/L	EPA 200.8	0.03	0.5			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Barium	Total	=	119	µg/L	EPA 200.8	0.03	0.5			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Barium	Total	=	70.3	µg/L	EPA 200.8	0.03	0.5			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Barium	Total	=	70.5	µg/L	EPA 200.8	0.03	0.5			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Barium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Beryllium	Dissolved	=	46.4	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Beryllium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	Lab	LCS	2/3/2012	Metal	Beryllium	Dissolved	=	51.5	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Beryllium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	Lab	LCS	1/28/2012	Metal	Beryllium	Total	=	46.4	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	Lab	LCS	2/3/2012	Metal	Beryllium	Total	=	51.5	µg/L	EPA 200.8	0.088	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	
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Beryllium	Total	=	50.4	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Beryllium	Total	=	50.1	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Beryllium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Beryllium	Total	=	48.9	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Beryllium	Total	=	48.9	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Beryllium	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Beryllium	Total	=	51.1	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Beryllium	Total	=	49.9	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Beryllium	Total	=	50.9	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Beryllium	Total	=	52.3	µg/L	EPA 200.8	0.088	0.1			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Beryllium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Cadmium	Dissolved	=	48.2	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	Lab	LCS	2/3/2012	Metal	Cadmium	Dissolved	=	49.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	Lab	LCS	1/28/2012	Metal	Cadmium	Total	=	48.2	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	Lab	LCS	2/3/2012	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Cadmium	Total	=	45.2	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Cadmium	Total	=	45.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Cadmium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Cadmium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Cadmium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Cadmium	Total	=	47.2	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Cadmium	Total	=	47.7	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Cadmium	Total	=	48.2	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Cadmium	Total	=	47.9	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Cadmium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Cadmium	Total	=	49.9	µg/L	EPA 200.8	0.02	0.1			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Chromium	Dissolved	=	47.8	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Chromium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	Lab	LCS	2/3/2012	Metal	Chromium	Dissolved	=	47.3	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Chromium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Chromium	Dissolved	DNQ	0.112	µg/L	EPA 200.8	0.074	0.2			IP
2011/12-2	Lab	LCS	1/28/2012	Metal	Chromium	Total	=	47.8	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	Lab	LCS	2/3/2012	Metal	Chromium	Total	=	47.3	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Chromium	Total	DNQ	0.112	µg/L	EPA 200.8	0.074	0.2			IP
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Chromium	Total	=	46.2	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Chromium	Total	=	46.8	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Chromium	Total	=	49.1	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Chromium	Total	=	49.5	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Chromium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Chromium	Total	=	51.9	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Chromium	Total	=	55.5	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Chromium	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Chromium	Total	=	56.6	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Chromium	Total	=	54.4	µg/L	EPA 200.8	0.074	0.2			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Chromium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Chromium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/23/2012	Metal	Chromium VI	n/a	=	5.21	µg/L	EPA 218.6	0.0059	0.3			
2011/12-2	Lab	LCS, rec	1/23/2012	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	90	110	
2011/12-2	Lab	method blank	1/23/2012	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2011/12-2	ME-CC	matrix spike	1/23/2012	Metal	Chromium VI	n/a	=	5.43	µg/L	EPA 218.6	0.0059	0.3			
2011/12-2	ME-CC	matrix spike dup	1/23/2012	Metal	Chromium VI	n/a	=	5.37	µg/L	EPA 218.6	0.0059	0.3			
2011/12-2	ME-CC	matrix spike dup, rec	1/23/2012	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2011/12-2	ME-CC	matrix spike, rec	1/23/2012	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	
2011/12-2	ME-CC	matrix spike, RPD	1/23/2012	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-HUE	matrix spike	1/23/2012	Metal	Chromium VI	n/a	=	5.4	µg/L	EPA 218.6	0.0059	0.3			
2011/12-2	MO-HUE	matrix spike dup	1/23/2012	Metal	Chromium VI	n/a	=	5.36	µg/L	EPA 218.6	0.0059	0.3			
2011/12-2	MO-HUE	matrix spike dup, rec	1/23/2012	Metal	Chromium VI	n/a	=	107	%	EPA 218.6	-88	-88	88	112	
2011/12-2	MO-HUE	matrix spike, rec	1/23/2012	Metal	Chromium VI	n/a	=	108	%	EPA 218.6	-88	-88	88	112	
2011/12-2	MO-HUE	matrix spike, RPD	1/23/2012	Metal	Chromium VI	n/a	=	0.8	%	EPA 218.6	-88	-88	0	10	
2011/12-2	Lab	LCS	1/28/2012	Metal	Copper	Dissolved	=	49	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Copper	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	Lab	LCS	2/3/2012	Metal	Copper	Dissolved	=	49.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	Lab	LCS	1/28/2012	Metal	Copper	Total	=	49	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	Lab	LCS	2/3/2012	Metal	Copper	Total	=	49.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Copper	Total	=	45.4	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Copper	Total	=	45.9	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Copper	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Copper	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Copper	Total	=	65.9	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Copper	Total	=	65.9	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Copper	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Copper	Total	=	62.5	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Copper	Total	=	65.4	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Copper	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Copper	Total	=	81.7	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Copper	Total	=	75.8	µg/L	EPA 200.8	0.27	0.5			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Copper	Total	=	118	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Copper	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/23/2012	Metal	Iron	Dissolved	=	191	µg/L	EPA 200.7	1.1	10			
2011/12-2	Lab	LCS, rec	1/23/2012	Metal	Iron	Dissolved	=	96	%	EPA 200.7	-88	-88	85	115	
2011/12-2	Lab	method blank	1/23/2012	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-2	Lab	LCS	1/24/2012	Metal	Iron	Dissolved	=	194	µg/L	EPA 200.7	1.1	10			
2011/12-2	Lab	LCS, rec	1/24/2012	Metal	Iron	Dissolved	=	97	%	EPA 200.7	-88	-88	85	115	
2011/12-2	Lab	method blank	1/24/2012	Metal	Iron	Dissolved	DNQ	1.63	µg/L	EPA 200.7	1.1	10			IP
2011/12-2	Lab	LCS	1/23/2012	Metal	Iron	Total	=	191	µg/L	EPA 200.7	1.1	10			
2011/12-2	Lab	LCS, rec	1/23/2012	Metal	Iron	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2011/12-2	Lab	method blank	1/23/2012	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-2	Lab	LCS	1/24/2012	Metal	Iron	Total	=	194	µg/L	EPA 200.7	1.1	10			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS, rec	1/24/2012	Metal	Iron	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2011/12-2	Lab	method blank	1/24/2012	Metal	Iron	Total	DNQ	1.63	µg/L	EPA 200.7	1.1	10			IP
2011/12-2	ME-CC	matrix spike	1/23/2012	Metal	Iron	Total	=	15800	µg/L	EPA 200.7	1.1	10			
2011/12-2	ME-CC	matrix spike dup	1/23/2012	Metal	Iron	Total	=	15100	µg/L	EPA 200.7	1.1	10			CT,GB
2011/12-2	ME-CC	matrix spike dup, rec	1/23/2012	Metal	Iron	Total	=	-229	%	EPA 200.7	-88	-88	70	130	CT,GB
2011/12-2	ME-CC	matrix spike, rec	1/23/2012	Metal	Iron	Total	=	127	%	EPA 200.7	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	1/23/2012	Metal	Iron	Total	=	5	%	EPA 200.7	-88	-88	0	30	
2011/12-2	ME-SCR	matrix spike	1/23/2012	Metal	Iron	Total	=	13000	µg/L	EPA 200.7	1.1	10			CT,GB
2011/12-2	ME-SCR	matrix spike dup	1/23/2012	Metal	Iron	Total	=	13000	µg/L	EPA 200.7	1.1	10			CT,GB
2011/12-2	ME-SCR	matrix spike dup, rec	1/23/2012	Metal	Iron	Total	=	383	%	EPA 200.7	-88	-88	70	130	CT,GB
2011/12-2	ME-SCR	matrix spike, rec	1/23/2012	Metal	Iron	Total	=	383	%	EPA 200.7	-88	-88	70	130	CT,GB
2011/12-2	ME-SCR	matrix spike, RPD	1/23/2012	Metal	Iron	Total	=	0.01	%	EPA 200.7	-88	-88	0	30	
2011/12-2	MO-MEI	matrix spike	1/24/2012	Metal	Iron	Total	=	3570	µg/L	EPA 200.7	1.1	10			CT,GB
2011/12-2	MO-MEI	matrix spike dup	1/24/2012	Metal	Iron	Total	=	3680	µg/L	EPA 200.7	1.1	10			CT,GB
2011/12-2	MO-MEI	matrix spike dup, rec	1/24/2012	Metal	Iron	Total	=	43	%	EPA 200.7	-88	-88	70	130	CT,GB
2011/12-2	MO-MEI	matrix spike, rec	1/24/2012	Metal	Iron	Total	=	-12	%	EPA 200.7	-88	-88	70	130	CT,GB
2011/12-2	MO-MEI	matrix spike, RPD	1/24/2012	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2011/12-2	MO-OXN	matrix spike	1/24/2012	Metal	Iron	Total	=	16900	µg/L	EPA 200.7	1.1	10			CT,GB
2011/12-2	MO-OXN	matrix spike dup	1/24/2012	Metal	Iron	Total	=	1710	µg/L	EPA 200.7	1.1	10			CT,GB
2011/12-2	MO-OXN	matrix spike dup, rec	1/24/2012	Metal	Iron	Total	=	33	%	EPA 200.7	-88	-88	70	130	CT,GB
2011/12-2	MO-OXN	matrix spike, rec	1/24/2012	Metal	Iron	Total	=	24	%	EPA 200.7	-88	-88	70	130	CT,GB
2011/12-2	MO-OXN	matrix spike, RPD	1/24/2012	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Lead	Dissolved	=	45.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Lead	Dissolved	=	91	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	Lab	LCS	2/3/2012	Metal	Lead	Dissolved	=	47.3	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	Lab	LCS	1/28/2012	Metal	Lead	Total	=	45.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	Lab	LCS	2/3/2012	Metal	Lead	Total	=	47.3	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Lead	Total	=	46.6	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Lead	Total	=	47.2	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Lead	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Lead	Total	=	49.6	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Lead	Total	=	49.9	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Lead	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Lead	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Lead	Total	=	57.3	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Lead	Total	=	55.8	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Lead	Total	=	56.8	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Lead	Total	=	56.6	µg/L	EPA 200.8	0.011	0.2			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Lead	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/24/2012	Metal	Mercury	Dissolved	=	1100	ng/L	EPA 245.1	3.9	50			
2011/12-2	Lab	LCS, rec	1/24/2012	Metal	Mercury	Dissolved	=	110	%	EPA 245.1	-88	-88	85	115	
2011/12-2	Lab	method blank	1/24/2012	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			
2011/12-2	000NONPJ	matrix spike	1/25/2012	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			
2011/12-2	000NONPJ	matrix spike dup	1/25/2012	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	3.9	50			
2011/12-2	000NONPJ	matrix spike dup, rec	1/25/2012	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	70	130	
2011/12-2	000NONPJ	matrix spike, rec	1/25/2012	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2011/12-2	000NONPJ	matrix spike, RPD	1/25/2012	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2011/12-2	Lab	LCS	1/24/2012	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	3.9	50			
2011/12-2	Lab	LCS, rec	1/24/2012	Metal	Mercury	Total	=	110	%	EPA 245.1	-88	-88	85	115	
2011/12-2	Lab	method blank	1/24/2012	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			
2011/12-2	Lab	LCS	1/25/2012	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	3.9	50			
2011/12-2	Lab	LCS, rec	1/25/2012	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	85	115	
2011/12-2	Lab	method blank	1/25/2012	Metal	Mercury	Total	DNQ	13	ng/L	EPA 245.1	3.9	50			IP
2011/12-2	MO-FIL	matrix spike	1/24/2012	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	3.9	50			
2011/12-2	MO-FIL	matrix spike dup	1/24/2012	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	3.9	50			
2011/12-2	MO-FIL	matrix spike dup, rec	1/24/2012	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2011/12-2	MO-FIL	matrix spike, rec	1/24/2012	Metal	Mercury	Total	=	109	%	EPA 245.1	-88	-88	70	130	
2011/12-2	MO-FIL	matrix spike, RPD	1/24/2012	Metal	Mercury	Total	=	5	%	EPA 245.1	-88	-88	0	20	
2011/12-2	MO-HUE	matrix spike	1/25/2012	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	3.9	50			
2011/12-2	MO-HUE	matrix spike dup	1/25/2012	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	3.9	50			
2011/12-2	MO-HUE	matrix spike dup, rec	1/25/2012	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2011/12-2	MO-HUE	matrix spike, rec	1/25/2012	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2011/12-2	MO-HUE	matrix spike, RPD	1/25/2012	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	
2011/12-2	MO-SIM	matrix spike	1/24/2012	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	3.9	50			
2011/12-2	MO-SIM	matrix spike dup	1/24/2012	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	3.9	50			
2011/12-2	MO-SIM	matrix spike dup, rec	1/24/2012	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	70	130	
2011/12-2	MO-SIM	matrix spike, rec	1/24/2012	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	
2011/12-2	MO-SIM	matrix spike, RPD	1/24/2012	Metal	Mercury	Total	=	0.9	%	EPA 245.1	-88	-88	0	20	
2011/12-2	Lab	LCS	1/28/2012	Metal	Nickel	Dissolved	=	48.4	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Nickel	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	Lab	LCS	2/3/2012	Metal	Nickel	Dissolved	=	48.8	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	Lab	LCS	1/28/2012	Metal	Nickel	Total	=	48.4	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	Lab	LCS	2/3/2012	Metal	Nickel	Total	=	48.8	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	method blank	2/3/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Nickel	Total	=	49.6	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Nickel	Total	=	50.1	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Nickel	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Nickel	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Nickel	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Nickel	Total	=	51.1	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Nickel	Total	=	51.8	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Nickel	Total	=	55.7	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Nickel	Total	=	64	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Nickel	Total	=	115	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Nickel	Total	=	14	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Nickel	Total	=	60.6	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Nickel	Total	=	57.4	µg/L	EPA 200.8	0.13	0.8			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Nickel	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Nickel	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Selenium	Dissolved	=	49.1	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	Lab	LCS	2/3/2012	Metal	Selenium	Dissolved	=	49.5	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Selenium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	Lab	LCS	1/28/2012	Metal	Selenium	Total	=	49.1	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	Lab	LCS	2/3/2012	Metal	Selenium	Total	=	49.5	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Selenium	Total	=	48.3	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Selenium	Total	=	48.8	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Selenium	Total	=	48.9	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Selenium	Total	=	49.5	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Selenium	Total	=	51.4	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Selenium	Total	=	57.3	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Selenium	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Selenium	Total	=	11	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Selenium	Total	=	50.8	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Selenium	Total	=	50.2	µg/L	EPA 200.8	0.28	0.4			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Silver	Dissolved	=	48.3	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	Lab	LCS	2/3/2012	Metal	Silver	Dissolved	=	48.9	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	Lab	LCS	1/28/2012	Metal	Silver	Total	=	48.3	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	Lab	LCS	2/3/2012	Metal	Silver	Total	=	48.9	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Silver	Total	=	44.7	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Silver	Total	=	44.8	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Silver	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Silver	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Silver	Total	=	47.1	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Silver	Total	=	47.5	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Silver	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Silver	Total	=	49.3	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Silver	Total	=	48.5	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Silver	Total	=	50.5	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Silver	Total	=	50	µg/L	EPA 200.8	0.027	0.2			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Thallium	Dissolved	=	47	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Thallium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Thallium	Dissolved	DNQ	0.03	µg/L	EPA 200.8	0.009	0.2			IP
2011/12-2	Lab	LCS	2/3/2012	Metal	Thallium	Dissolved	=	47.6	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Thallium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	Lab	LCS	1/28/2012	Metal	Thallium	Total	=	47	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Thallium	Total	DNQ	0.03	µg/L	EPA 200.8	0.009	0.2			IP

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS	2/3/2012	Metal	Thallium	Total	=	47.6	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Thallium	Total	=	48.9	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Thallium	Total	=	49	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Thallium	Total	=	47.8	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Thallium	Total	=	48.2	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Thallium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Thallium	Total	=	52.9	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Thallium	Total	=	51.3	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Thallium	Total	=	50.5	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Thallium	Total	=	50.7	µg/L	EPA 200.8	0.009	0.2			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/28/2012	Metal	Zinc	Dissolved	=	47.6	µg/L	EPA 200.8	1.1	5			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Zinc	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-2	Lab	LCS	2/3/2012	Metal	Zinc	Dissolved	=	49.6	µg/L	EPA 200.8	1.1	5			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-2	Lab	LCS	1/28/2012	Metal	Zinc	Total	=	47.6	µg/L	EPA 200.8	1.1	5			
2011/12-2	Lab	LCS, rec	1/28/2012	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	1/28/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-2	Lab	LCS	2/3/2012	Metal	Zinc	Total	=	49.6	µg/L	EPA 200.8	1.1	5			
2011/12-2	Lab	LCS, rec	2/3/2012	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-2	Lab	method blank	2/3/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-2	ME-VR2	matrix spike	1/28/2012	Metal	Zinc	Total	=	46.7	µg/L	EPA 200.8	1.1	5			
2011/12-2	ME-VR2	matrix spike dup	1/28/2012	Metal	Zinc	Total	=	46.7	µg/L	EPA 200.8	1.1	5			
2011/12-2	ME-VR2	matrix spike dup, rec	1/28/2012	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, rec	1/28/2012	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-2	ME-VR2	matrix spike, RPD	1/28/2012	Metal	Zinc	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-CAM	matrix spike	1/28/2012	Metal	Zinc	Total	=	122	µg/L	EPA 200.8	1.1	5			
2011/12-2	MO-CAM	matrix spike dup	1/28/2012	Metal	Zinc	Total	=	123	µg/L	EPA 200.8	1.1	5			
2011/12-2	MO-CAM	matrix spike dup, rec	1/28/2012	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, rec	1/28/2012	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-CAM	matrix spike, RPD	1/28/2012	Metal	Zinc	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-OJA	matrix spike	2/3/2012	Metal	Zinc	Total	=	154	µg/L	EPA 200.8	1.1	5			
2011/12-2	MO-OJA	matrix spike dup	2/3/2012	Metal	Zinc	Total	=	155	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	
2011/12-2	MO-OJA	matrix spike dup, rec	2/3/2012	Metal	Zinc	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, rec	2/3/2012	Metal	Zinc	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-OJA	matrix spike, RPD	2/3/2012	Metal	Zinc	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2011/12-2	MO-VEN	matrix spike	2/3/2012	Metal	Zinc	Total	=	199	µg/L	EPA 200.8	1.1	5			
2011/12-2	MO-VEN	matrix spike dup	2/3/2012	Metal	Zinc	Total	=	197	µg/L	EPA 200.8	1.1	5			
2011/12-2	MO-VEN	matrix spike dup, rec	2/3/2012	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, rec	2/3/2012	Metal	Zinc	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2011/12-2	MO-VEN	matrix spike, RPD	2/3/2012	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-2	Lab	LCS	1/27/2012	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			
2011/12-2	Lab	LCS, rec	1/27/2012	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	
2011/12-2	Lab	method blank	1/27/2012	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2011/12-2	ME-CC	matrix spike	1/27/2012	Nutrient	Ammonia as N	n/a	=	1.39	mg/L	EPA 350.1	0.048	0.1			
2011/12-2	ME-CC	matrix spike dup	1/27/2012	Nutrient	Ammonia as N	n/a	=	1.39	mg/L	EPA 350.1	0.048	0.1			
2011/12-2	ME-CC	matrix spike dup, rec	1/27/2012	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2011/12-2	ME-CC	matrix spike, rec	1/27/2012	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2011/12-2	ME-CC	matrix spike, RPD	1/27/2012	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	
2011/12-2	ME-SCR	matrix spike	1/27/2012	Nutrient	Ammonia as N	n/a	=	1.18	mg/L	EPA 350.1	0.048	0.1			
2011/12-2	ME-SCR	matrix spike dup	1/27/2012	Nutrient	Ammonia as N	n/a	=	1.18	mg/L	EPA 350.1	0.048	0.1			
2011/12-2	ME-SCR	matrix spike dup, rec	1/27/2012	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2011/12-2	ME-SCR	matrix spike, rec	1/27/2012	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2011/12-2	ME-SCR	matrix spike, RPD	1/27/2012	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	
2011/12-2	000NONPJ	matrix spike	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.29	mg/L	EPA 353.2	0.01	0.1			
2011/12-2	000NONPJ	matrix spike dup	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.31	mg/L	EPA 353.2	0.01	0.1			
2011/12-2	000NONPJ	matrix spike dup, rec	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2011/12-2	000NONPJ	matrix spike, rec	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2011/12-2	000NONPJ	matrix spike, RPD	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.8	%	EPA 353.2	-88	-88	0	20	
2011/12-2	Lab	LCS	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.01	0.1			
2011/12-2	Lab	LCS, rec	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2011/12-2	Lab	method blank	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-2	Lab	LCS	1/22/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	1.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-2	Lab	LCS, rec	1/22/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2011/12-2	Lab	method blank	1/22/2012	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-2	ME-SCR	matrix spike	1/22/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3.74	mg/L	EPA 353.2	0.01	0.1			
2011/12-2	ME-SCR	matrix spike dup	1/22/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3.83	mg/L	EPA 353.2	0.01	0.1			
2011/12-2	ME-SCR	matrix spike dup, rec	1/22/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2011/12-2	ME-SCR	matrix spike, rec	1/22/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2011/12-2	ME-SCR	matrix spike, RPD	1/22/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2011/12-2	MO-HUE	matrix spike	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.42	mg/L	EPA 353.2	0.01	0.1			
2011/12-2	MO-HUE	matrix spike dup	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.46	mg/L	EPA 353.2	0.01	0.1			
2011/12-2	MO-HUE	matrix spike dup, rec	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2011/12-2	MO-HUE	matrix spike, rec	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2011/12-2	MO-HUE	matrix spike, RPD	1/21/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2011/12-2	000NONPJ	matrix spike	1/21/2012	Nutrient	Nitrate as N	n/a	=	2.29	mg/L	EPA 353.2	0.041	0.1			
2011/12-2	000NONPJ	matrix spike dup	1/21/2012	Nutrient	Nitrate as N	n/a	=	2.31	mg/L	EPA 353.2	0.041	0.1			
2011/12-2	000NONPJ	matrix spike dup, rec	1/21/2012	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2011/12-2	000NONPJ	matrix spike, rec	1/21/2012	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2011/12-2	000NONPJ	matrix spike, RPD	1/21/2012	Nutrient	Nitrate as N	n/a	=	0.8	%	EPA 353.2	-88	-88	0	20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS	1/21/2012	Nutrient	Nitrate as N	n/a	=	1.04	mg/L	EPA 353.2	0.041	0.1			
2011/12-2	Lab	LCS, rec	1/21/2012	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2011/12-2	Lab	method blank	1/21/2012	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2011/12-2	MO-HUE	matrix spike	1/21/2012	Nutrient	Nitrate as N	n/a	=	2.42	mg/L	EPA 353.2	0.041	0.1			
2011/12-2	MO-HUE	matrix spike dup	1/21/2012	Nutrient	Nitrate as N	n/a	=	2.46	mg/L	EPA 353.2	0.041	0.1			
2011/12-2	MO-HUE	matrix spike dup, rec	1/21/2012	Nutrient	Nitrate as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2011/12-2	MO-HUE	matrix spike, rec	1/21/2012	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2011/12-2	MO-HUE	matrix spike, RPD	1/21/2012	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2011/12-2	Lab	LCS	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0501	mg/L	EPA 365.1	0.0014	0.01			
2011/12-2	Lab	LCS, rec	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2011/12-2	Lab	method blank	2/6/2012	Nutrient	Phosphorus as P	Dissolved	DNQ	0.0018	mg/L	EPA 365.1	0.0014	0.01			IP
2011/12-2	ME-CC	matrix spike	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	3.74	mg/L	EPA 365.1	0.07	0.5			D
2011/12-2	ME-CC	matrix spike dup	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	3.88	mg/L	EPA 365.1	0.07	0.5			D
2011/12-2	ME-CC	matrix spike dup, rec	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	D
2011/12-2	ME-CC	matrix spike, rec	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	96	%	EPA 365.1	-88	-88	90	110	D
2011/12-2	ME-CC	matrix spike, RPD	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	4	%	EPA 365.1	-88	-88	0	10	D
2011/12-2	MO-FIL	matrix spike	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	0.254	mg/L	EPA 365.1	0.0028	0.02			D
2011/12-2	MO-FIL	matrix spike dup	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	0.258	mg/L	EPA 365.1	0.0028	0.02			D,CT,GB
2011/12-2	MO-FIL	matrix spike dup, rec	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	112	%	EPA 365.1	-88	-88	90	110	D,CT,GB
2011/12-2	MO-FIL	matrix spike, rec	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	D
2011/12-2	MO-FIL	matrix spike, RPD	2/6/2012	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 365.1	-88	-88	0	10	D
2011/12-2	Lab	LCS	1/30/2012	Nutrient	Phosphorus as P	Total	=	0.0483	mg/L	EPA 365.1	0.0014	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Nutrient	Phosphorus as P	Total	=	97	%	EPA 365.1	-88	-88	90	110	
2011/12-2	Lab	method blank	1/30/2012	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-2	Lab	LCS	2/6/2012	Nutrient	Phosphorus as P	Total	=	0.0503	mg/L	EPA 365.1	0.0014	0.01			
2011/12-2	Lab	LCS, rec	2/6/2012	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2011/12-2	Lab	method blank	2/6/2012	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-2	MO-HUE	matrix spike	2/6/2012	Nutrient	Phosphorus as P	Total	=	0.755	mg/L	EPA 365.1	0.007	0.05			D
2011/12-2	MO-HUE	matrix spike dup	2/6/2012	Nutrient	Phosphorus as P	Total	=	0.755	mg/L	EPA 365.1	0.007	0.05			D
2011/12-2	MO-HUE	matrix spike dup, rec	2/6/2012	Nutrient	Phosphorus as P	Total	=	107	%	EPA 365.1	-88	-88	90	110	D
2011/12-2	MO-HUE	matrix spike, rec	2/6/2012	Nutrient	Phosphorus as P	Total	=	107	%	EPA 365.1	-88	-88	90	110	D
2011/12-2	MO-HUE	matrix spike, RPD	2/6/2012	Nutrient	Phosphorus as P	Total	=	0	%	EPA 365.1	-88	-88	0	10	D
2011/12-2	MO-MPK	matrix spike	1/30/2012	Nutrient	Phosphorus as P	Total	=	2.42	mg/L	EPA 365.1	0.035	0.25			D
2011/12-2	MO-MPK	matrix spike dup	1/30/2012	Nutrient	Phosphorus as P	Total	=	2.48	mg/L	EPA 365.1	0.035	0.25			D
2011/12-2	MO-MPK	matrix spike dup, rec	1/30/2012	Nutrient	Phosphorus as P	Total	=	105	%	EPA 365.1	-88	-88	90	110	D
2011/12-2	MO-MPK	matrix spike, rec	1/30/2012	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	D
2011/12-2	MO-MPK	matrix spike, RPD	1/30/2012	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	10	D
2011/12-2	000NONPJ	matrix spike	1/27/2012	Nutrient	TKN	n/a	=	0.966	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	000NONPJ	matrix spike dup	1/27/2012	Nutrient	TKN	n/a	=	0.964	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	000NONPJ	matrix spike dup, rec	1/27/2012	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2011/12-2	000NONPJ	matrix spike, rec	1/27/2012	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2011/12-2	000NONPJ	matrix spike, RPD	1/27/2012	Nutrient	TKN	n/a	=	0.2	%	EPA 351.2	-88	-88	0	15	
2011/12-2	000NONPJ	matrix spike	2/2/2012	Nutrient	TKN	n/a	=	1.05	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	000NONPJ	matrix spike	2/2/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-2	000NONPJ	matrix spike dup	2/2/2012	Nutrient	TKN	n/a	=	1.05	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	000NONPJ	matrix spike dup	2/2/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-2	000NONPJ	matrix spike dup, rec	2/2/2012	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	
2011/12-2	000NONPJ	matrix spike dup, rec	2/2/2012	Nutrient	TKN	n/a	=	-15	%	EPA 351.2	-88	-88	90	110	GB
2011/12-2	000NONPJ	matrix spike, rec	2/2/2012	Nutrient	TKN	n/a	=	-15	%	EPA 351.2	-88	-88	90	110	GB
2011/12-2	000NONPJ	matrix spike, rec	2/2/2012	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2011/12-2	000NONPJ	matrix spike, RPD	2/2/2012	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	0	15	
2011/12-2	000NONPJ	matrix spike, RPD	2/2/2012	Nutrient	TKN	n/a	=	0.2	%	EPA 351.2	-88	-88	0	15	
2011/12-2	000NONPJ	post-digest spike	2/2/2012	Nutrient	TKN	n/a	=	0.602	mg/L	EPA 351.2	-88	-88			D
2011/12-2	000NONPJ	post-digest spike	2/2/2012	Nutrient	TKN	n/a	=	0.6	mg/L	EPA 351.2	-88	-88			D
2011/12-2	000NONPJ	post-digest spike, rec	2/2/2012	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88			D
2011/12-2	000NONPJ	post-digest spike, rec	2/2/2012	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88			D
2011/12-2	000NONPJ	matrix spike	2/6/2012	Nutrient	TKN	n/a	=	0.976	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	000NONPJ	matrix spike dup	2/6/2012	Nutrient	TKN	n/a	=	0.972	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	000NONPJ	matrix spike dup, rec	2/6/2012	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2011/12-2	000NONPJ	matrix spike, rec	2/6/2012	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2011/12-2	000NONPJ	matrix spike, RPD	2/6/2012	Nutrient	TKN	n/a	=	0.4	%	EPA 351.2	-88	-88	0	15	
2011/12-2	Lab	LCS	1/27/2012	Nutrient	TKN	n/a	=	0.95	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	Lab	LCS, rec	1/27/2012	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2011/12-2	Lab	method blank	1/27/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	Lab	LCS	2/2/2012	Nutrient	TKN	n/a	=	1.05	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	Lab	LCS	2/2/2012	Nutrient	TKN	n/a	=	1.05	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	Lab	LCS, rec	2/2/2012	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2011/12-2	Lab	LCS, rec	2/2/2012	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2011/12-2	Lab	method blank	2/2/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	Lab	method blank	2/2/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	Lab	LCS	2/6/2012	Nutrient	TKN	n/a	=	0.988	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	Lab	LCS, rec	2/6/2012	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2011/12-2	Lab	method blank	2/6/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2011/12-2	Lab	LCS	2/6/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	26.5	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	30.8	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	44	142	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	53	%	EPA 625	-88	-88	44	142	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	25.9	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	30.6	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	44	142	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	52	%	EPA 625	-88	-88	44	142	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	18.7	µg/L	EPA 625	0.55	1			EUM
2011/12-2	Lab	LCS dup	2/29/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	20.3	µg/L	EPA 625	0.55	1			EUM
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	41	%	EPA 625	-88	-88	44	142	EUM
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	37	%	EPA 625	-88	-88	44	142	EUM
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	1,2-Dichlorobenzene	n/a	=	22.8	µg/L	EPA 625	0.57	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	1,2-Dichlorobenzene	n/a	=	28.5	µg/L	EPA 625	0.57	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	1,2-Dichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	32	129	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	1,2-Dichlorobenzene	n/a	=	46	%	EPA 625	-88	-88	32	129	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	1,2-Dichlorobenzene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	1,2-Dichlorobenzene	n/a	=	22.8	µg/L	EPA 625	0.57	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	1,2-Dichlorobenzene	n/a	=	28.8	µg/L	EPA 625	0.57	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	1,2-Dichlorobenzene	n/a	=	58	%	EPA 625	-88	-88	32	129	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	1,2-Dichlorobenzene	n/a	=	46	%	EPA 625	-88	-88	32	129	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	1,2-Dichlorobenzene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	1,2-Dichlorobenzene	n/a	=	15.9	µg/L	EPA 625	0.57	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	1,2-Dichlorobenzene	n/a	=	20.5	µg/L	EPA 625	0.57	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	1,2-Dichlorobenzene	n/a	=	41	%	EPA 625	-88	-88	32	129	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	1,2-Dichlorobenzene	n/a	=	32	%	EPA 625	-88	-88	32	129	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	1,2-Dichlorobenzene	n/a	=	25	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-2	Lab	srgt LCS	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.7	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt LCS dup	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.3	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	103	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	srgt LCS, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	107	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	srgt method blank	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.04	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	srgt LCS	1/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.94	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt LCS dup	1/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.97	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	1/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	srgt LCS, rec	1/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	srgt method blank	1/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.91	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	1/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	89	%	EPA 524.2	-88	-88	70	130	
2011/12-2	ME-CC	srgt environ	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.19	µg/L	EPA 524.2	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2011/12-2	ME-SCR	srgt environ	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.35	µg/L	EPA 524.2	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2011/12-2	ME-VR2	srgt environ	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.45	µg/L	EPA 524.2	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-CAM	srgt environ	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.4	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-FIL	srgt environ	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	10	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-HUE	srgt environ	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.87	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-MEI	srgt environ	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.08	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	91	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-MPK	srgt environ	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.4	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	104	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-OJA	srgt environ	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.17	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-OXN	srgt environ	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.7	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	107	%	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	
2011/12-2	MO-SIM	srgt environ	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.72	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-SPA	srgt environ	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.2	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	102	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-THO	srgt environ	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.61	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	1/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	96	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-VEN	srgt environ	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.3	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	93	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-VEN	srgt field duplicate	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.83	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-VEN	srgt field duplicate, rec	1/23/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	method blank	2/6/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	method blank	2/10/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	method blank	2/29/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	1,3-Dichlorobenzene	n/a	=	20.7	µg/L	EPA 625	0.53	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	1,3-Dichlorobenzene	n/a	=	26.2	µg/L	EPA 625	0.53	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	1,3-Dichlorobenzene	n/a	=	52	%	EPA 625	-88	-88	0.1	172	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	1,3-Dichlorobenzene	n/a	=	41	%	EPA 625	-88	-88	0.1	172	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	1,3-Dichlorobenzene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	1,3-Dichlorobenzene	n/a	=	20.6	µg/L	EPA 625	0.53	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	1,3-Dichlorobenzene	n/a	=	26.5	µg/L	EPA 625	0.53	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	1,3-Dichlorobenzene	n/a	=	53	%	EPA 625	-88	-88	0.1	172	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	1,3-Dichlorobenzene	n/a	=	41	%	EPA 625	-88	-88	0.1	172	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	1,3-Dichlorobenzene	n/a	=	25	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	1,3-Dichlorobenzene	n/a	=	14.4	µg/L	EPA 625	0.53	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	1,3-Dichlorobenzene	n/a	=	19.2	µg/L	EPA 625	0.53	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	1,3-Dichlorobenzene	n/a	=	38	%	EPA 625	-88	-88	0.1	172	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	1,3-Dichlorobenzene	n/a	=	29	%	EPA 625	-88	-88	0.1	172	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	1,3-Dichlorobenzene	n/a	=	29	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-2	Lab	srgt LCS	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.543	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	136	
2011/12-2	Lab	srgt method blank	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.524	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2011/12-2	Lab	srgt LCS	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.33	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.78	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS dup	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS dup	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.51	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2011/12-2	Lab	srgt LCS dup, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2011/12-2	Lab	srgt LCS, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2	-88	-88	73	136	
2011/12-2	Lab	srgt LCS, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-2	Lab	srgt method blank	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.49	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt method blank	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.3	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2011/12-2	Lab	srgt method blank, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	srgt LCS	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.518	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS, rec	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-2	Lab	srgt method blank	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.509	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-2	ME-CC	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.521	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-2	ME-CC	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.73	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	136	
2011/12-2	ME-SCR	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.518	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-2	ME-SCR	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.48	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2011/12-2	ME-VR2	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.591	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	118	%	EPA 525.2	-88	-88	73	136	
2011/12-2	ME-VR2	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.07	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	121	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-CAM	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.533	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-CAM	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.64	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-FIL	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.521	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-FIL	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.49	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-HUE	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.59	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-HUE	srgt environ	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.568	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-HUE	srgt matrix spike	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.505	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-HUE	srgt matrix spike dup	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.53	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-HUE	srgt matrix spike dup, rec	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-HUE	srgt matrix spike, rec	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-MEI	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.81	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-MEI	srgt environ	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.515	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-MPK	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.489	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-MPK	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.26	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-OJA	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.537	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-OJA	srgt matrix spike	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.521	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OJA	srgt matrix spike dup	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.542	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OJA	srgt matrix spike dup, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-OJA	srgt matrix spike, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-OJA	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.37	µg/L	EPA 525.2	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-OJA	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-OXN	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.532	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-OXN	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.43	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-SIM	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.534	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-SIM	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-SPA	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.544	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-SPA	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.59	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-THO	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.549	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-THO	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.88	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	118	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-VEN	srgt environ	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.533	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	1/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-2	MO-VEN	srgt environ	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	1/31/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-2	Lab	LCS	2/6/2012	Organic	1,4-Dichlorobenzene	n/a	=	21.4	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	1,4-Dichlorobenzene	n/a	=	26.7	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	1,4-Dichlorobenzene	n/a	=	53	%	EPA 625	-88	-88	20	124	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	1,4-Dichlorobenzene	n/a	=	43	%	EPA 625	-88	-88	20	124	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	1,4-Dichlorobenzene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	1,4-Dichlorobenzene	n/a	=	21.4	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	1,4-Dichlorobenzene	n/a	=	26.9	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	1,4-Dichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	20	124	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	1,4-Dichlorobenzene	n/a	=	43	%	EPA 625	-88	-88	20	124	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	1,4-Dichlorobenzene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	1,4-Dichlorobenzene	n/a	=	15.3	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	1,4-Dichlorobenzene	n/a	=	19.9	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	1,4-Dichlorobenzene	n/a	=	40	%	EPA 625	-88	-88	20	124	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	1,4-Dichlorobenzene	n/a	=	31	%	EPA 625	-88	-88	20	124	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	1,4-Dichlorobenzene	n/a	=	26	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-2	Lab	method blank	2/1/2012	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2011/12-2	Lab	srgt LCS	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	35.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	31.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	Lab	srgt LCS, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	Lab	srgt method blank	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	40	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	Lab	srgt LCS	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	101	µg/L	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	srgt LCS dup	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	94	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 625	-88	-88	0.1	157	
2011/12-2	Lab	srgt LCS, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	101	%	EPA 625	-88	-88	0.1	157	
2011/12-2	Lab	srgt method blank	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	92	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625	-88	-88	0.1	157	
2011/12-2	Lab	srgt LCS	2/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	96.5	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	90.7	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625	-88	-88	0.1	157	
2011/12-2	Lab	srgt LCS, rec	2/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 625	-88	-88	0.1	157	
2011/12-2	Lab	srgt method blank	2/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	70.4	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	0.1	157	
2011/12-2	Lab	srgt LCS	2/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	66	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	64.5	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	0.1	157	
2011/12-2	Lab	srgt LCS, rec	2/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	0.1	157	
2011/12-2	Lab	srgt method blank	2/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	70.5	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	0.1	157	
2011/12-2	ME-CC	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	11.9	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-2	ME-CC	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	30	%	EPA 8270Cm	-88	-88	44	115	GN
2011/12-2	ME-CC	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	77.8	µg/L	EPA 625	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	0.1	157	
2011/12-2	ME-SCR	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	2.11	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-2	ME-SCR	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	5	%	EPA 8270Cm	-88	-88	44	115	GN
2011/12-2	ME-SCR	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	80	µg/L	EPA 625	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	0.1	157	
2011/12-2	ME-VR2	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	33.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	ME-VR2	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	96.8	µg/L	EPA 625	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 625	-88	-88	0.1	157	
2011/12-2	MO-CAM	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	38.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	MO-CAM	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	99.4	µg/L	EPA 625	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	99	%	EPA 625	-88	-88	0.1	157	
2011/12-2	MO-FIL	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	33.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	MO-FIL	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	93.1	µg/L	EPA 625	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625	-88	-88	0.1	157	
2011/12-2	MO-HUE	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	36.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	MO-HUE	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	96	µg/L	EPA 625	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625	-88	-88	0.1	157	
2011/12-2	MO-MEI	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	33.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	MO-MEI	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	89.1	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	0.1	157	
2011/12-2	MO-MPK	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	30	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	75	%	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	
2011/12-2	MO-MPK	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	88.4	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625	-88	-88	0.1	157	
2011/12-2	MO-OJA	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	37.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	MO-OJA	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	70.4	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625	-88	-88	0.1	157	
2011/12-2	MO-OXN	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	32.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	MO-OXN	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	92.4	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 625	-88	-88	0.1	157	
2011/12-2	MO-SIM	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	32.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	MO-SIM	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	67.5	µg/L	EPA 625	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	0.1	157	
2011/12-2	MO-SPA	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	36.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	MO-SPA	srgt environ	2/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	66.4	µg/L	EPA 625	-88	-88			D,H,PJM
2011/12-2	MO-SPA	srgt environ, rec	2/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	0.1	157	D,H,PJM
2011/12-2	MO-THO	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	38.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	MO-THO	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	85.9	µg/L	EPA 625	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625	-88	-88	0.1	157	
2011/12-2	MO-VEN	srgt environ	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	23.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	2/1/2012	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 8270Cm	-88	-88	44	115	
2011/12-2	MO-VEN	srgt environ	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	82.7	µg/L	EPA 625	-88	-88			D
2011/12-2	MO-VEN	srgt environ, rec	2/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625	-88	-88	0.1	157	D
2011/12-2	Lab	LCS	2/1/2012	Organic	2,4,6-Trichlorophenol	n/a	=	15	µg/L	EPA 8270Cm	0.3	1			
2011/12-2	Lab	LCS dup	2/1/2012	Organic	2,4,6-Trichlorophenol	n/a	=	14.2	µg/L	EPA 8270Cm	0.3	1			
2011/12-2	Lab	LCS dup, rec	2/1/2012	Organic	2,4,6-Trichlorophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	52	150	
2011/12-2	Lab	LCS, rec	2/1/2012	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 8270Cm	-88	-88	52	150	
2011/12-2	Lab	LCS, RPD	2/1/2012	Organic	2,4,6-Trichlorophenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/1/2012	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-2	Lab	LCS	2/1/2012	Organic	2,4-Dichlorophenol	n/a	=	14.5	µg/L	EPA 8270Cm	0.51	1			
2011/12-2	Lab	LCS dup	2/1/2012	Organic	2,4-Dichlorophenol	n/a	=	13.9	µg/L	EPA 8270Cm	0.51	1			
2011/12-2	Lab	LCS dup, rec	2/1/2012	Organic	2,4-Dichlorophenol	n/a	=	69	%	EPA 8270Cm	-88	-88	53	106	
2011/12-2	Lab	LCS, rec	2/1/2012	Organic	2,4-Dichlorophenol	n/a	=	73	%	EPA 8270Cm	-88	-88	53	106	
2011/12-2	Lab	LCS, RPD	2/1/2012	Organic	2,4-Dichlorophenol	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/1/2012	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2011/12-2	RC pipe at MPK -	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.61	µg/L	EPA 515.3	-88	-88			
2011/12-2	RC pipe at MPK -	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	srgt matrix spike	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.53	µg/L	EPA 515.3	-88	-88			
2011/12-2	RC pipe at MPK -	srgt matrix spike dup	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.4	µg/L	EPA 515.3	-88	-88			
2011/12-2	RC pipe at MPK -	srgt matrix spike dup, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	srgt matrix spike, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC Pipe at MPK -	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.2	µg/L	EPA 515.3	-88	-88			
2011/12-2	RC Pipe at MPK -	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	srgt LCS	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	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	
2011/12-2	Lab	srgt LCS, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	srgt method blank	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.69	µg/L	EPA 515.3	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.88	µg/L	EPA 515.3	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	srgt matrix spike	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.24	µg/L	EPA 515.3	-88	-88			
2011/12-2	ME-CC	srgt matrix spike dup	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.47	µg/L	EPA 515.3	-88	-88			
2011/12-2	ME-CC	srgt matrix spike dup, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	srgt matrix spike, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-SCR	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-VR2	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-CAM	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.79	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-FIL	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.75	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-HUE	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.9	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-MEI	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-MPK	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.64	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-2	-MPK Upstream at	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.47	µg/L	EPA 515.3	-88	-88			
2011/12-2	-MPK Upstream at	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-OJA	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.88	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-OXN	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.96	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-SIM	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-SPA	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.64	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-THO	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.75	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-2	MO-VEN	srgt environ	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.97	µg/L	EPA 515.3	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	2/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	LCS	2/1/2012	Organic	2,4-Dimethylphenol	n/a	=	13.4	µg/L	EPA 8270Cm	1	2			
2011/12-2	Lab	LCS dup	2/1/2012	Organic	2,4-Dimethylphenol	n/a	=	13.3	µg/L	EPA 8270Cm	1	2			
2011/12-2	Lab	LCS dup, rec	2/1/2012	Organic	2,4-Dimethylphenol	n/a	=	67	%	EPA 8270Cm	-88	-88	21	99	
2011/12-2	Lab	LCS, rec	2/1/2012	Organic	2,4-Dimethylphenol	n/a	=	67	%	EPA 8270Cm	-88	-88	21	99	
2011/12-2	Lab	LCS, RPD	2/1/2012	Organic	2,4-Dimethylphenol	n/a	=	0.4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/1/2012	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-2	Lab	LCS	2/1/2012	Organic	2,4-Dinitrophenol	n/a	=	9.85	µg/L	EPA 8270Cm	1	2			
2011/12-2	Lab	LCS dup	2/1/2012	Organic	2,4-Dinitrophenol	n/a	=	9.94	µg/L	EPA 8270Cm	1	2			
2011/12-2	Lab	LCS dup, rec	2/1/2012	Organic	2,4-Dinitrophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	2	227	
2011/12-2	Lab	LCS, rec	2/1/2012	Organic	2,4-Dinitrophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	2	227	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS, RPD	2/1/2012	Organic	2,4-Dinitrophenol	n/a	=	0.9	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/1/2012	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-2	Lab	LCS	2/6/2012	Organic	2,4-Dinitrotoluene	n/a	=	45.8	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	2,4-Dinitrotoluene	n/a	=	44.7	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	2,4-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	39	139	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	2,4-Dinitrotoluene	n/a	=	92	%	EPA 625	-88	-88	39	139	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	2,4-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	2,4-Dinitrotoluene	n/a	=	45.1	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	2,4-Dinitrotoluene	n/a	=	43.6	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	2,4-Dinitrotoluene	n/a	=	87	%	EPA 625	-88	-88	39	139	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	2,4-Dinitrotoluene	n/a	=	90	%	EPA 625	-88	-88	39	139	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	2,4-Dinitrotoluene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	2,4-Dinitrotoluene	n/a	=	35.5	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	2,4-Dinitrotoluene	n/a	=	33.1	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	2,4-Dinitrotoluene	n/a	=	66	%	EPA 625	-88	-88	39	139	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	2,4-Dinitrotoluene	n/a	=	71	%	EPA 625	-88	-88	39	139	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	2,4-Dinitrotoluene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	2,6-Dinitrotoluene	n/a	=	51.2	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	2,6-Dinitrotoluene	n/a	=	52.6	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	2,6-Dinitrotoluene	n/a	=	105	%	EPA 625	-88	-88	50	158	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	2,6-Dinitrotoluene	n/a	=	102	%	EPA 625	-88	-88	50	158	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	2,6-Dinitrotoluene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	2,6-Dinitrotoluene	n/a	=	50.2	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	2,6-Dinitrotoluene	n/a	=	52.4	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	2,6-Dinitrotoluene	n/a	=	105	%	EPA 625	-88	-88	50	158	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	2,6-Dinitrotoluene	n/a	=	100	%	EPA 625	-88	-88	50	158	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	2,6-Dinitrotoluene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	2,6-Dinitrotoluene	n/a	=	34.8	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	2,6-Dinitrotoluene	n/a	=	34.1	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	2,6-Dinitrotoluene	n/a	=	68	%	EPA 625	-88	-88	50	158	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	2,6-Dinitrotoluene	n/a	=	70	%	EPA 625	-88	-88	50	158	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS	1/23/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	6.24	µg/L	EPA 524.2	0.61	1			
2011/12-2	Lab	LCS dup	1/23/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	7.58	µg/L	EPA 524.2	0.61	1			
2011/12-2	Lab	LCS dup, rec	1/23/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	126	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	LCS, rec	1/23/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	104	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	LCS, RPD	1/23/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	19	%	EPA 524.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/23/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-2	Lab	LCS	1/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	4.65	µg/L	EPA 524.2	0.61	1			
2011/12-2	Lab	LCS dup	1/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	3.97	µg/L	EPA 524.2	0.61	1			EUM
2011/12-2	Lab	LCS dup, rec	1/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	66	%	EPA 524.2	-88	-88	70	130	EUM

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS, rec	1/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	LCS, RPD	1/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	16	%	EPA 524.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-2	MO-VEN	field duplicate	1/23/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	2-Chloronaphthalene	n/a	=	36.7	µg/L	EPA 625	0.45	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	2-Chloronaphthalene	n/a	=	39	µg/L	EPA 625	0.45	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625	-88	-88	60	118	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	2-Chloronaphthalene	n/a	=	73	%	EPA 625	-88	-88	60	118	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	2-Chloronaphthalene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	2-Chloronaphthalene	n/a	=	36.4	µg/L	EPA 625	0.45	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	2-Chloronaphthalene	n/a	=	38.7	µg/L	EPA 625	0.45	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	2-Chloronaphthalene	n/a	=	77	%	EPA 625	-88	-88	60	118	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	2-Chloronaphthalene	n/a	=	73	%	EPA 625	-88	-88	60	118	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	2-Chloronaphthalene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	2-Chloronaphthalene	n/a	=	26.1	µg/L	EPA 625	0.45	1			EUM
2011/12-2	Lab	LCS dup	2/29/2012	Organic	2-Chloronaphthalene	n/a	=	26.6	µg/L	EPA 625	0.45	1			EUM
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	2-Chloronaphthalene	n/a	=	53	%	EPA 625	-88	-88	60	118	EUM
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	2-Chloronaphthalene	n/a	=	52	%	EPA 625	-88	-88	60	118	EUM
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	2-Chloronaphthalene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-2	Lab	LCS	2/1/2012	Organic	2-Chlorophenol	n/a	=	10.8	µg/L	EPA 8270Cm	0.65	1			
2011/12-2	Lab	LCS dup	2/1/2012	Organic	2-Chlorophenol	n/a	=	10.4	µg/L	EPA 8270Cm	0.65	1			
2011/12-2	Lab	LCS dup, rec	2/1/2012	Organic	2-Chlorophenol	n/a	=	52	%	EPA 8270Cm	-88	-88	46	92	
2011/12-2	Lab	LCS, rec	2/1/2012	Organic	2-Chlorophenol	n/a	=	54	%	EPA 8270Cm	-88	-88	46	92	
2011/12-2	Lab	LCS, RPD	2/1/2012	Organic	2-Chlorophenol	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/1/2012	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2011/12-2	Lab	srgt LCS	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	11.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	10.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	Lab	srgt LCS, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	Lab	srgt method blank	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	12.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	Lab	srgt LCS	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	41.7	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	42.9	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625	-88	-88	22	130	
2011/12-2	Lab	srgt LCS, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	130	
2011/12-2	Lab	srgt method blank	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	40.3	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625	-88	-88	22	130	
2011/12-2	Lab	srgt LCS	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	2.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	41	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	43.3	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	2.69	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	Lab	srgt LCS dup, rec	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625	-88	-88	22	130	
2011/12-2	Lab	srgt LCS, rec	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	82	%	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	
2011/12-2	Lab	srgt LCS, rec	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	Lab	srgt method blank	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	38.9	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	3.26	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625	-88	-88	22	130	
2011/12-2	Lab	srgt method blank, rec	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	Lab	srgt LCS	2/29/2012	Organic	2-Fluorobiphenyl	n/a	=	27.7	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/29/2012	Organic	2-Fluorobiphenyl	n/a	=	30.5	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/29/2012	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	22	130	
2011/12-2	Lab	srgt LCS, rec	2/29/2012	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 625	-88	-88	22	130	
2011/12-2	Lab	srgt method blank	2/29/2012	Organic	2-Fluorobiphenyl	n/a	=	35.6	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/29/2012	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	22	130	
2011/12-2	ME-CC	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	4.32	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-2	ME-CC	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	22	%	EPA 8270Cm	-88	-88	51	139	GN
2011/12-2	ME-CC	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	31.6	µg/L	EPA 625	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625	-88	-88	22	130	
2011/12-2	ME-SCR	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	34.7	µg/L	EPA 625	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	130	
2011/12-2	ME-SCR	srgt environ	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	3.54	µg/L	EPA 8270Cm	-88	-88			H,PJM
2011/12-2	ME-SCR	srgt environ, rec	2/10/2012	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270Cm	-88	-88	51	139	H,PJM
2011/12-2	ME-VR2	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	11.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	ME-VR2	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	42.7	µg/L	EPA 625	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	130	
2011/12-2	MO-CAM	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	12	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	MO-CAM	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	41.2	µg/L	EPA 625	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625	-88	-88	22	130	
2011/12-2	MO-FIL	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	12.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	MO-FIL	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	38.8	µg/L	EPA 625	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625	-88	-88	22	130	
2011/12-2	MO-HUE	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	13	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	MO-HUE	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	41.7	µg/L	EPA 625	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	130	
2011/12-2	MO-MEI	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	12.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	MO-MEI	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	35.5	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	130	
2011/12-2	MO-MPK	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	12.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	MO-MPK	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	38.1	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	130	
2011/12-2	MO-OJA	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	14	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	MO-OJA	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	23.8	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	45	%	EPA 625	-88	-88	22	130	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-OXN	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	13.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	MO-OXN	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	40.2	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	130	
2011/12-2	MO-SIM	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	9.88	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-2	MO-SIM	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	49	%	EPA 8270Cm	-88	-88	51	139	GN
2011/12-2	MO-SIM	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	45	%	EPA 625	-88	-88	22	130	
2011/12-2	MO-SPA	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	12.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	MO-SPA	srgt environ	2/29/2012	Organic	2-Fluorobiphenyl	n/a	=	35.3	µg/L	EPA 625	-88	-88			D,H,PJM
2011/12-2	MO-SPA	srgt environ, rec	2/29/2012	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	22	130	D,H,PJM
2011/12-2	MO-THO	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	14.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270Cm	-88	-88	51	139	
2011/12-2	MO-THO	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	34.4	µg/L	EPA 625	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	130	
2011/12-2	MO-VEN	srgt environ	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	9.53	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-2	MO-VEN	srgt environ, rec	2/3/2012	Organic	2-Fluorobiphenyl	n/a	=	48	%	EPA 8270Cm	-88	-88	51	139	GN
2011/12-2	MO-VEN	srgt environ	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	33.5	µg/L	EPA 625	-88	-88			D
2011/12-2	MO-VEN	srgt environ, rec	2/6/2012	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	130	D
2011/12-2	Lab	srgt LCS	2/1/2012	Organic	2-Fluorophenol	n/a	=	13.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/1/2012	Organic	2-Fluorophenol	n/a	=	12.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	Lab	srgt LCS, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	Lab	srgt method blank	2/1/2012	Organic	2-Fluorophenol	n/a	=	15.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	Lab	srgt LCS	2/6/2012	Organic	2-Fluorophenol	n/a	=	34.4	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/6/2012	Organic	2-Fluorophenol	n/a	=	41.1	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	6	96	
2011/12-2	Lab	srgt LCS, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	6	96	
2011/12-2	Lab	srgt method blank	2/6/2012	Organic	2-Fluorophenol	n/a	=	42.5	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	6	96	
2011/12-2	Lab	srgt LCS	2/10/2012	Organic	2-Fluorophenol	n/a	=	34.2	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/10/2012	Organic	2-Fluorophenol	n/a	=	40.8	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/10/2012	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	6	96	
2011/12-2	Lab	srgt LCS, rec	2/10/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	6	96	
2011/12-2	Lab	srgt method blank	2/10/2012	Organic	2-Fluorophenol	n/a	=	35.8	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/10/2012	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	6	96	
2011/12-2	Lab	srgt LCS	2/29/2012	Organic	2-Fluorophenol	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/29/2012	Organic	2-Fluorophenol	n/a	=	28.6	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/29/2012	Organic	2-Fluorophenol	n/a	=	29	%	EPA 625	-88	-88	6	96	
2011/12-2	Lab	srgt LCS, rec	2/29/2012	Organic	2-Fluorophenol	n/a	=	19	%	EPA 625	-88	-88	6	96	
2011/12-2	Lab	srgt method blank	2/29/2012	Organic	2-Fluorophenol	n/a	=	38.6	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/29/2012	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	6	96	
2011/12-2	ME-CC	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	14.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	ME-CC	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	34.4	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	
2011/12-2	ME-CC	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	6	96	
2011/12-2	ME-SCR	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	14.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	ME-SCR	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	39.8	µg/L	EPA 625	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	6	96	
2011/12-2	ME-VR2	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	13.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	ME-VR2	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	48.3	µg/L	EPA 625	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	6	96	
2011/12-2	MO-CAM	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	16.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	MO-CAM	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	40.4	µg/L	EPA 625	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	6	96	
2011/12-2	MO-FIL	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	18.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	MO-FIL	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	42.2	µg/L	EPA 625	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	6	96	
2011/12-2	MO-HUE	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	16.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	MO-HUE	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	46.6	µg/L	EPA 625	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	6	96	
2011/12-2	MO-MEI	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	14.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	MO-MEI	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	39.1	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	
2011/12-2	MO-MPK	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	17.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	MO-MPK	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	36.8	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	
2011/12-2	MO-OJA	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	16.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	MO-OJA	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	19.6	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	19	%	EPA 625	-88	-88	6	96	
2011/12-2	MO-OXN	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	17.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	MO-OXN	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	42.7	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	6	96	
2011/12-2	MO-SIM	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	7.49	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-2	MO-SIM	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	19	%	EPA 8270Cm	-88	-88	24	82	GN
2011/12-2	MO-SIM	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	11.5	µg/L	EPA 625	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	11	%	EPA 625	-88	-88	6	96	
2011/12-2	MO-SPA	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	17.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270Cm	-88	-88	24	82	
2011/12-2	MO-SPA	srgt environ	2/29/2012	Organic	2-Fluorophenol	n/a	=	35.7	µg/L	EPA 625	-88	-88			D,H,PJM
2011/12-2	MO-SPA	srgt environ, rec	2/29/2012	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	6	96	D,H,PJM
2011/12-2	MO-THO	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	16.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270Cm	-88	-88	24	82	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-THO	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	30.1	µg/L	EPA 625	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	6	96	
2011/12-2	MO-VEN	srgt environ	2/1/2012	Organic	2-Fluorophenol	n/a	=	8.6	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-2	MO-VEN	srgt environ, rec	2/1/2012	Organic	2-Fluorophenol	n/a	=	22	%	EPA 8270Cm	-88	-88	24	82	GN
2011/12-2	MO-VEN	srgt environ	2/6/2012	Organic	2-Fluorophenol	n/a	=	29.5	µg/L	EPA 625	-88	-88			D
2011/12-2	MO-VEN	srgt environ, rec	2/6/2012	Organic	2-Fluorophenol	n/a	=	29	%	EPA 625	-88	-88	6	96	D
2011/12-2	Lab	method blank	2/1/2012	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2011/12-2	Lab	LCS	2/1/2012	Organic	2-Nitrophenol	n/a	=	12.7	µg/L	EPA 8270Cm	0.71	1			
2011/12-2	Lab	LCS dup	2/1/2012	Organic	2-Nitrophenol	n/a	=	12.1	µg/L	EPA 8270Cm	0.71	1			
2011/12-2	Lab	LCS dup, rec	2/1/2012	Organic	2-Nitrophenol	n/a	=	61	%	EPA 8270Cm	-88	-88	48	197	
2011/12-2	Lab	LCS, rec	2/1/2012	Organic	2-Nitrophenol	n/a	=	64	%	EPA 8270Cm	-88	-88	48	197	
2011/12-2	Lab	LCS, RPD	2/1/2012	Organic	2-Nitrophenol	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/1/2012	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	25.4	µg/L	EPA 625	1.2	5			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	24.7	µg/L	EPA 625	1.2	5			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	49	%	EPA 625	-88	-88	0.1	262	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	51	%	EPA 625	-88	-88	0.1	262	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-2	Lab	LCS	2/10/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	22.4	µg/L	EPA 625	1.2	5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	22.5	µg/L	EPA 625	1.2	5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	45	%	EPA 625	-88	-88	0.1	262	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	45	%	EPA 625	-88	-88	0.1	262	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-2	Lab	LCS	2/29/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	29	µg/L	EPA 625	1.2	5			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	31.4	µg/L	EPA 625	1.2	5			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	63	%	EPA 625	-88	-88	0.1	262	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	58	%	EPA 625	-88	-88	0.1	262	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-2	Lab	method blank	2/1/2012	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-2	Lab	LCS	2/1/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	13.6	µg/L	EPA 8270Cm	0.14	1			
2011/12-2	Lab	LCS dup	2/1/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	13	µg/L	EPA 8270Cm	0.14	1			
2011/12-2	Lab	LCS dup, rec	2/1/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	65	%	EPA 8270Cm	-88	-88	56	227	
2011/12-2	Lab	LCS, rec	2/1/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	68	%	EPA 8270Cm	-88	-88	56	227	
2011/12-2	Lab	LCS, RPD	2/1/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/1/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2011/12-2	Lab	srgt LCS	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	10.9	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt LCS dup	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	11.7	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	117	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	srgt LCS, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	109	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	srgt method blank	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	9.92	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	srgt LCS	1/24/2012	Organic	4-Bromofluorobenzene	n/a	=	10.1	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt LCS dup	1/24/2012	Organic	4-Bromofluorobenzene	n/a	=	10.4	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	1/24/2012	Organic	4-Bromofluorobenzene	n/a	=	104	%	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	
2011/12-2	Lab	srgt LCS, rec	1/24/2012	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	srgt method blank	1/24/2012	Organic	4-Bromofluorobenzene	n/a	=	9.39	µg/L	EPA 524.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	1/24/2012	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2011/12-2	ME-CC	srgt environ	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	11.7	µg/L	EPA 524.2	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	117	%	EPA 524.2	-88	-88	70	130	
2011/12-2	ME-SCR	srgt environ	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	11.9	µg/L	EPA 524.2	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	119	%	EPA 524.2	-88	-88	70	130	
2011/12-2	ME-VR2	srgt environ	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	12.2	µg/L	EPA 524.2	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	122	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-CAM	srgt environ	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	12.2	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	122	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-FIL	srgt environ	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	13.6	µg/L	EPA 524.2	-88	-88			GN
2011/12-2	MO-FIL	srgt environ, rec	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	136	%	EPA 524.2	-88	-88	70	130	GN
2011/12-2	MO-HUE	srgt environ	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	13.1	µg/L	EPA 524.2	-88	-88			GN
2011/12-2	MO-HUE	srgt environ, rec	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	131	%	EPA 524.2	-88	-88	70	130	GN
2011/12-2	MO-MEI	srgt environ	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	10.7	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	107	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-MPK	srgt environ	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	15	µg/L	EPA 524.2	-88	-88			GN
2011/12-2	MO-MPK	srgt environ, rec	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	150	%	EPA 524.2	-88	-88	70	130	GN
2011/12-2	MO-OJA	srgt environ	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	12.2	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	122	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-OXN	srgt environ	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	12.4	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	124	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-SIM	srgt environ	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	14.2	µg/L	EPA 524.2	-88	-88			GN
2011/12-2	MO-SIM	srgt environ, rec	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	142	%	EPA 524.2	-88	-88	70	130	GN
2011/12-2	MO-SPA	srgt environ	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	15.4	µg/L	EPA 524.2	-88	-88			GN
2011/12-2	MO-SPA	srgt environ, rec	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	154	%	EPA 524.2	-88	-88	70	130	GN
2011/12-2	MO-THO	srgt environ	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	14	µg/L	EPA 524.2	-88	-88			GN
2011/12-2	MO-THO	srgt environ, rec	1/25/2012	Organic	4-Bromofluorobenzene	n/a	=	140	%	EPA 524.2	-88	-88	70	130	GN
2011/12-2	MO-VEN	srgt environ	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	10.4	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 524.2	-88	-88	70	130	
2011/12-2	MO-VEN	srgt field duplicate	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	10.8	µg/L	EPA 524.2	-88	-88			
2011/12-2	MO-VEN	srgt field duplicate, rec	1/23/2012	Organic	4-Bromofluorobenzene	n/a	=	108	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	LCS	2/6/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	35.3	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	34.8	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	56	127	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	71	%	EPA 625	-88	-88	56	127	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	34.9	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	34.3	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	69	%	EPA 625	-88	-88	56	127	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	56	127	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	29.9	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	27.8	µg/L	EPA 625	0.36	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	56	%	EPA 625	-88	-88	56	127	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	60	%	EPA 625	-88	-88	56	127	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS	2/1/2012	Organic	4-Chloro-3-methylphenol	n/a	=	15	µg/L	EPA 8270Cm	0.37	1			
2011/12-2	Lab	LCS dup	2/1/2012	Organic	4-Chloro-3-methylphenol	n/a	=	14.1	µg/L	EPA 8270Cm	0.37	1			
2011/12-2	Lab	LCS dup, rec	2/1/2012	Organic	4-Chloro-3-methylphenol	n/a	=	70	%	EPA 8270Cm	-88	-88	51	112	
2011/12-2	Lab	LCS, rec	2/1/2012	Organic	4-Chloro-3-methylphenol	n/a	=	75	%	EPA 8270Cm	-88	-88	51	112	
2011/12-2	Lab	LCS, RPD	2/1/2012	Organic	4-Chloro-3-methylphenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/1/2012	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	36.9	µg/L	EPA 625	0.41	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	37	µg/L	EPA 625	0.41	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	74	%	EPA 625	-88	-88	25	158	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	74	%	EPA 625	-88	-88	25	158	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	36.9	µg/L	EPA 625	0.41	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	36.6	µg/L	EPA 625	0.41	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	73	%	EPA 625	-88	-88	25	158	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	74	%	EPA 625	-88	-88	25	158	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	30.6	µg/L	EPA 625	0.41	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	28.6	µg/L	EPA 625	0.41	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	57	%	EPA 625	-88	-88	25	158	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	61	%	EPA 625	-88	-88	25	158	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-2	Lab	LCS	2/1/2012	Organic	4-Nitrophenol	n/a	=	3.71	µg/L	EPA 8270Cm	1	2			
2011/12-2	Lab	LCS dup	2/1/2012	Organic	4-Nitrophenol	n/a	=	3.48	µg/L	EPA 8270Cm	1	2			
2011/12-2	Lab	LCS dup, rec	2/1/2012	Organic	4-Nitrophenol	n/a	=	17	%	EPA 8270Cm	-88	-88	15	73	
2011/12-2	Lab	LCS, rec	2/1/2012	Organic	4-Nitrophenol	n/a	=	19	%	EPA 8270Cm	-88	-88	15	73	
2011/12-2	Lab	LCS, RPD	2/1/2012	Organic	4-Nitrophenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/1/2012	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-2	Lab	LCS	2/3/2012	Organic	Acenaphthene	n/a	=	12.4	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Acenaphthene	n/a	=	11.9	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Acenaphthene	n/a	=	60	%	EPA 8270Cm	-88	-88	47	145	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Acenaphthene	n/a	=	62	%	EPA 8270Cm	-88	-88	47	145	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Acenaphthene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Acenaphthene	n/a	=	2.79	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Acenaphthene	n/a	=	2.97	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Acenaphthene	n/a	=	59	%	EPA 8270Cm	-88	-88	47	145	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Acenaphthene	n/a	=	56	%	EPA 8270Cm	-88	-88	47	145	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Acenaphthene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS	2/3/2012	Organic	Acenaphthylene	n/a	=	13.3	µg/L	EPA 8270Cm	0.13	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	
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Acenaphthylene	n/a	=	12.7	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Acenaphthylene	n/a	=	64	%	EPA 8270Cm	-88	-88	33	145	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Acenaphthylene	n/a	=	67	%	EPA 8270Cm	-88	-88	33	145	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Acenaphthylene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Acenaphthylene	n/a	=	3.04	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Acenaphthylene	n/a	=	3.11	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Acenaphthylene	n/a	=	62	%	EPA 8270Cm	-88	-88	33	145	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Acenaphthylene	n/a	=	61	%	EPA 8270Cm	-88	-88	33	145	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Acenaphthylene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS	2/3/2012	Organic	Anthracene	n/a	=	14.2	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Anthracene	n/a	=	13.6	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Anthracene	n/a	=	68	%	EPA 8270Cm	-88	-88	27	133	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Anthracene	n/a	=	71	%	EPA 8270Cm	-88	-88	27	133	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Anthracene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Anthracene	n/a	=	3.28	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Anthracene	n/a	=	3.35	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Anthracene	n/a	=	67	%	EPA 8270Cm	-88	-88	27	133	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Anthracene	n/a	=	66	%	EPA 8270Cm	-88	-88	27	133	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Anthracene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS	2/3/2012	Organic	Benz(a)anthracene	n/a	=	15.6	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Benz(a)anthracene	n/a	=	14.6	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 8270Cm	-88	-88	33	143	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Benz(a)anthracene	n/a	=	78	%	EPA 8270Cm	-88	-88	33	143	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Benz(a)anthracene	n/a	=	2.53	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Benz(a)anthracene	n/a	=	2.91	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Benz(a)anthracene	n/a	=	58	%	EPA 8270Cm	-88	-88	33	143	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Benz(a)anthracene	n/a	=	51	%	EPA 8270Cm	-88	-88	33	143	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Benz(a)anthracene	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-2	Lab	method blank	2/6/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-2	Lab	method blank	2/10/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-2	Lab	method blank	2/29/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-2	Lab	LCS	1/31/2012	Organic	Benzo(a)pyrene	n/a	=	3.96	µg/L	EPA 525.2	0.07	0.1			
2011/12-2	Lab	LCS	1/31/2012	Organic	Benzo(a)pyrene	n/a	=	5.31	µg/L	EPA 525.2	0.07	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Organic	Benzo(a)pyrene	n/a	=	4.74	µg/L	EPA 525.2	0.07	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Organic	Benzo(a)pyrene	n/a	=	5.31	µg/L	EPA 525.2	0.07	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 525.2	-88	-88	54	136	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Organic	Benzo(a)pyrene	n/a	=	106	%	EPA 525.2	-88	-88	54	136	
2011/12-2	Lab	LCS, rec	1/31/2012	Organic	Benzo(a)pyrene	n/a	=	79	%	EPA 525.2	-88	-88	54	136	
2011/12-2	Lab	LCS, rec	1/31/2012	Organic	Benzo(a)pyrene	n/a	=	106	%	EPA 525.2	-88	-88	54	136	
2011/12-2	Lab	LCS, RPD	1/31/2012	Organic	Benzo(a)pyrene	n/a	=	18	%	EPA 525.2	-88	-88	0	30	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS, RPD	1/31/2012	Organic	Benzo(a)pyrene	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-2	Lab	method blank	1/31/2012	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-2	Lab	LCS	2/3/2012	Organic	Benzo(b)fluoranthene	n/a	=	15.3	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Benzo(b)fluoranthene	n/a	=	14.6	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Benzo(b)fluoranthene	n/a	=	73	%	EPA 8270Cm	-88	-88	24	159	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Benzo(b)fluoranthene	n/a	=	77	%	EPA 8270Cm	-88	-88	24	159	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Benzo(b)fluoranthene	n/a	=	2.97	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Benzo(b)fluoranthene	n/a	=	3.53	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Benzo(b)fluoranthene	n/a	=	71	%	EPA 8270Cm	-88	-88	24	159	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Benzo(b)fluoranthene	n/a	=	59	%	EPA 8270Cm	-88	-88	24	159	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Benzo(b)fluoranthene	n/a	=	17	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS	2/3/2012	Organic	Benzo(g,h,i)perylene	n/a	=	14.2	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Benzo(g,h,i)perylene	n/a	=	13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Benzo(g,h,i)perylene	n/a	=	65	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Benzo(g,h,i)perylene	n/a	=	71	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Benzo(g,h,i)perylene	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Benzo(g,h,i)perylene	n/a	=	0.66	µg/L	EPA 8270Cm	0.13	0.5			IP
2011/12-2	Lab	LCS	2/10/2012	Organic	Benzo(g,h,i)perylene	n/a	=	3.66	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Benzo(g,h,i)perylene	n/a	=	3.93	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Benzo(g,h,i)perylene	n/a	=	79	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Benzo(g,h,i)perylene	n/a	=	73	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Benzo(g,h,i)perylene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS	2/3/2012	Organic	Benzo(k)fluoranthene	n/a	=	14.3	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Benzo(k)fluoranthene	n/a	=	13.5	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Benzo(k)fluoranthene	n/a	=	68	%	EPA 8270Cm	-88	-88	11	162	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Benzo(k)fluoranthene	n/a	=	72	%	EPA 8270Cm	-88	-88	11	162	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Benzo(k)fluoranthene	n/a	=	2.72	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Benzo(k)fluoranthene	n/a	=	2.77	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Benzo(k)fluoranthene	n/a	=	55	%	EPA 8270Cm	-88	-88	11	162	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Benzo(k)fluoranthene	n/a	=	54	%	EPA 8270Cm	-88	-88	11	162	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-2	Lab	LCS	2/6/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	41.3	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	44.7	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	89	%	EPA 625	-88	-88	33	184	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	83	%	EPA 625	-88	-88	33	184	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	40.1	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	44.1	µg/L	EPA 625	0.25	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	88	%	EPA 625	-88	-88	33	184	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625	-88	-88	33	184	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	26.1	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	29.8	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	60	%	EPA 625	-88	-88	33	184	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	52	%	EPA 625	-88	-88	33	184	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	13	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	28.7	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	33.7	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625	-88	-88	12	158	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	57	%	EPA 625	-88	-88	12	158	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	16	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	28.6	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	34.2	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625	-88	-88	12	158	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	57	%	EPA 625	-88	-88	12	158	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	18	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	19.1	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	25.6	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	51	%	EPA 625	-88	-88	12	158	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	38	%	EPA 625	-88	-88	12	158	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	29	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	36.6	µg/L	EPA 625	0.38	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	41.7	µg/L	EPA 625	0.38	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	83	%	EPA 625	-88	-88	36	166	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	73	%	EPA 625	-88	-88	36	166	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	35.6	µg/L	EPA 625	0.38	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	41.3	µg/L	EPA 625	0.38	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	83	%	EPA 625	-88	-88	36	166	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	71	%	EPA 625	-88	-88	36	166	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	22.4	µg/L	EPA 625	0.38	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	29.8	µg/L	EPA 625	0.38	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	60	%	EPA 625	-88	-88	36	166	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	45	%	EPA 625	-88	-88	36	166	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	28	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-2	Lab	LCS	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.58	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	
2011/12-2	Lab	LCS	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.41	µg/L	EPA 525.2	0.1	5			
2011/12-2	Lab	LCS dup	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.96	µg/L	EPA 525.2	0.1	5			
2011/12-2	Lab	LCS dup	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.85	µg/L	EPA 525.2	0.1	5			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	117	%	EPA 525.2	-88	-88	50	145	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	99	%	EPA 525.2	-88	-88	50	145	
2011/12-2	Lab	LCS, rec	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	88	%	EPA 525.2	-88	-88	50	145	
2011/12-2	Lab	LCS, rec	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	112	%	EPA 525.2	-88	-88	50	145	
2011/12-2	Lab	LCS, RPD	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-2	Lab	method blank	1/31/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-2	Lab	LCS	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.57	µg/L	EPA 525.2	1.1	3			
2011/12-2	Lab	LCS	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.42	µg/L	EPA 525.2	1.1	3			
2011/12-2	Lab	LCS dup	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.16	µg/L	EPA 525.2	1.1	3			
2011/12-2	Lab	LCS dup	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.62	µg/L	EPA 525.2	1.1	3			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 525.2	-88	-88	54	142	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	132	%	EPA 525.2	-88	-88	54	142	
2011/12-2	Lab	LCS, rec	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	128	%	EPA 525.2	-88	-88	54	142	
2011/12-2	Lab	LCS, rec	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	91	%	EPA 525.2	-88	-88	54	142	
2011/12-2	Lab	LCS, RPD	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2011/12-2	Lab	method blank	1/31/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2011/12-2	Lab	LCS	2/6/2012	Organic	Butyl benzyl phthalate	n/a	=	42.5	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Butyl benzyl phthalate	n/a	=	39.9	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Butyl benzyl phthalate	n/a	=	80	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Butyl benzyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Butyl benzyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Butyl benzyl phthalate	n/a	=	38.6	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Butyl benzyl phthalate	n/a	=	36.5	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Butyl benzyl phthalate	n/a	=	73	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Butyl benzyl phthalate	n/a	=	77	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Butyl benzyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Butyl benzyl phthalate	n/a	=	39.1	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Butyl benzyl phthalate	n/a	=	38.9	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Butyl benzyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Butyl benzyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Butyl benzyl phthalate	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS	2/3/2012	Organic	Chrysene	n/a	=	14.2	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Chrysene	n/a	=	14.1	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Chrysene	n/a	=	71	%	EPA 8270Cm	-88	-88	17	168	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Chrysene	n/a	=	71	%	EPA 8270Cm	-88	-88	17	168	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Chrysene	n/a	=	0.7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	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	
2011/12-2	Lab	LCS	2/10/2012	Organic	Chrysene	n/a	=	3.14	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Chrysene	n/a	=	3.32	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Chrysene	n/a	=	66	%	EPA 8270Cm	-88	-88	17	168	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Chrysene	n/a	=	63	%	EPA 8270Cm	-88	-88	17	168	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Chrysene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-2	Lab	LCS	2/3/2012	Organic	Dibenz(a,h)anthracene	n/a	=	14	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Dibenz(a,h)anthracene	n/a	=	12.9	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Dibenz(a,h)anthracene	n/a	=	64	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Dibenz(a,h)anthracene	n/a	=	70	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Dibenz(a,h)anthracene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Dibenz(a,h)anthracene	n/a	=	0.66	µg/L	EPA 8270Cm	0.13	0.5			IP
2011/12-2	Lab	LCS	2/10/2012	Organic	Dibenz(a,h)anthracene	n/a	=	3.97	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Dibenz(a,h)anthracene	n/a	=	4.42	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Dibenz(a,h)anthracene	n/a	=	88	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Dibenz(a,h)anthracene	n/a	=	79	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Dibenz(a,h)anthracene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-2	Lab	LCS	2/6/2012	Organic	Diethyl phthalate	n/a	=	45	µg/L	EPA 625	0.15	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Diethyl phthalate	n/a	=	43.7	µg/L	EPA 625	0.15	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Diethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Diethyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Diethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Diethyl phthalate	n/a	=	44.8	µg/L	EPA 625	0.15	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Diethyl phthalate	n/a	=	42.8	µg/L	EPA 625	0.15	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Diethyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Diethyl phthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Diethyl phthalate	n/a	=	35.5	µg/L	EPA 625	0.15	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Diethyl phthalate	n/a	=	32.9	µg/L	EPA 625	0.15	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Diethyl phthalate	n/a	=	66	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Diethyl phthalate	n/a	=	71	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	Dimethyl phthalate	n/a	=	50.2	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Dimethyl phthalate	n/a	=	50.6	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Dimethyl phthalate	n/a	=	101	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Dimethyl phthalate	n/a	=	100	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Dimethyl phthalate	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Dimethyl phthalate	n/a	=	49.2	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Dimethyl phthalate	n/a	=	50.6	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Dimethyl phthalate	n/a	=	101	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Dimethyl phthalate	n/a	=	98	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Dimethyl phthalate	n/a	=	3	%	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	
2011/12-2	Lab	method blank	2/10/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Dimethyl phthalate	n/a	=	34.4	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Dimethyl phthalate	n/a	=	33.7	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Dimethyl phthalate	n/a	=	67	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Dimethyl phthalate	n/a	=	69	%	EPA 625	-88	-88	0.1	112	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Dimethyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	Di-n-butylphthalate	n/a	=	43.1	µg/L	EPA 625	0.24	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Di-n-butylphthalate	n/a	=	41.7	µg/L	EPA 625	0.24	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Di-n-butylphthalate	n/a	=	83	%	EPA 625	-88	-88	1	118	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Di-n-butylphthalate	n/a	=	86	%	EPA 625	-88	-88	1	118	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Di-n-butylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Di-n-butylphthalate	n/a	=	43.8	µg/L	EPA 625	0.24	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Di-n-butylphthalate	n/a	=	41.5	µg/L	EPA 625	0.24	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Di-n-butylphthalate	n/a	=	83	%	EPA 625	-88	-88	1	118	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Di-n-butylphthalate	n/a	=	88	%	EPA 625	-88	-88	1	118	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Di-n-butylphthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Di-n-butylphthalate	n/a	=	36.8	µg/L	EPA 625	0.24	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Di-n-butylphthalate	n/a	=	34.6	µg/L	EPA 625	0.24	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Di-n-butylphthalate	n/a	=	69	%	EPA 625	-88	-88	1	118	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Di-n-butylphthalate	n/a	=	74	%	EPA 625	-88	-88	1	118	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Di-n-butylphthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	Di-n-octylphthalate	n/a	=	41.4	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Di-n-octylphthalate	n/a	=	38.5	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Di-n-octylphthalate	n/a	=	77	%	EPA 625	-88	-88	6	146	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Di-n-octylphthalate	n/a	=	83	%	EPA 625	-88	-88	6	146	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Di-n-octylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Di-n-octylphthalate	n/a	=	42.4	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Di-n-octylphthalate	n/a	=	39.5	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Di-n-octylphthalate	n/a	=	79	%	EPA 625	-88	-88	6	146	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Di-n-octylphthalate	n/a	=	85	%	EPA 625	-88	-88	6	146	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Di-n-octylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Di-n-octylphthalate	n/a	=	35.4	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Di-n-octylphthalate	n/a	=	35.5	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Di-n-octylphthalate	n/a	=	71	%	EPA 625	-88	-88	6	146	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Di-n-octylphthalate	n/a	=	71	%	EPA 625	-88	-88	6	146	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Di-n-octylphthalate	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS	2/3/2012	Organic	Fluoranthene	n/a	=	15	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Fluoranthene	n/a	=	14.5	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Fluoranthene	n/a	=	72	%	EPA 8270Cm	-88	-88	26	137	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Fluoranthene	n/a	=	75	%	EPA 8270Cm	-88	-88	26	137	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Fluoranthene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Fluoranthene	n/a	=	3.02	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Fluoranthene	n/a	=	3.23	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Fluoranthene	n/a	=	65	%	EPA 8270Cm	-88	-88	26	137	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Fluoranthene	n/a	=	60	%	EPA 8270Cm	-88	-88	26	137	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Fluoranthene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-2	Lab	LCS	2/3/2012	Organic	Fluorene	n/a	=	14.5	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Fluorene	n/a	=	13.5	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Fluorene	n/a	=	68	%	EPA 8270Cm	-88	-88	59	121	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Fluorene	n/a	=	72	%	EPA 8270Cm	-88	-88	59	121	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Fluorene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Fluorene	n/a	=	3.12	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Fluorene	n/a	=	3.1	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Fluorene	n/a	=	62	%	EPA 8270Cm	-88	-88	59	121	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Fluorene	n/a	=	62	%	EPA 8270Cm	-88	-88	59	121	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Fluorene	n/a	=	0.6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-2	Lab	LCS	2/6/2012	Organic	Hexachlorobenzene	n/a	=	39.9	µg/L	EPA 625	0.49	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Hexachlorobenzene	n/a	=	38.4	µg/L	EPA 625	0.49	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Hexachlorobenzene	n/a	=	77	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Hexachlorobenzene	n/a	=	80	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Hexachlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Hexachlorobenzene	n/a	=	38.8	µg/L	EPA 625	0.49	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Hexachlorobenzene	n/a	=	38.2	µg/L	EPA 625	0.49	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Hexachlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Hexachlorobenzene	n/a	=	78	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Hexachlorobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Hexachlorobenzene	n/a	=	35	µg/L	EPA 625	0.49	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Hexachlorobenzene	n/a	=	33	µg/L	EPA 625	0.49	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Hexachlorobenzene	n/a	=	66	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Hexachlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	152	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	Hexachlorobutadiene	n/a	=	21.8	µg/L	EPA 625	0.47	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Hexachlorobutadiene	n/a	=	26.3	µg/L	EPA 625	0.47	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Hexachlorobutadiene	n/a	=	53	%	EPA 625	-88	-88	24	116	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Hexachlorobutadiene	n/a	=	44	%	EPA 625	-88	-88	24	116	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Hexachlorobutadiene	n/a	=	19	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Hexachlorobutadiene	n/a	=	21.3	µg/L	EPA 625	0.47	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Hexachlorobutadiene	n/a	=	25.8	µg/L	EPA 625	0.47	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Hexachlorobutadiene	n/a	=	52	%	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	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Hexachlorobutadiene	n/a	=	43	%	EPA 625	-88	-88	24	116	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Hexachlorobutadiene	n/a	=	19	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Hexachlorobutadiene	n/a	=	18.7	µg/L	EPA 625	0.47	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Hexachlorobutadiene	n/a	=	21.7	µg/L	EPA 625	0.47	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Hexachlorobutadiene	n/a	=	43	%	EPA 625	-88	-88	24	116	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Hexachlorobutadiene	n/a	=	37	%	EPA 625	-88	-88	24	116	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Hexachlorobutadiene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	Hexachlorocyclopentadiene	n/a	=	14	µg/L	EPA 625	1.5	5			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Hexachlorocyclopentadiene	n/a	=	15.8	µg/L	EPA 625	1.5	5			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Hexachlorocyclopentadiene	n/a	=	32	%	EPA 625	-88	-88	0.1	136	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Hexachlorocyclopentadiene	n/a	=	28	%	EPA 625	-88	-88	0.1	136	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Hexachlorocyclopentadiene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Hexachlorocyclopentadiene	n/a	=	12.4	µg/L	EPA 625	1.5	5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Hexachlorocyclopentadiene	n/a	=	14.3	µg/L	EPA 625	1.5	5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Hexachlorocyclopentadiene	n/a	=	29	%	EPA 625	-88	-88	0.1	136	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Hexachlorocyclopentadiene	n/a	=	25	%	EPA 625	-88	-88	0.1	136	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Hexachlorocyclopentadiene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-2	Lab	LCS	2/29/2012	Organic	Hexachlorocyclopentadiene	n/a	=	15.9	µg/L	EPA 625	1.5	5			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Hexachlorocyclopentadiene	n/a	=	17.9	µg/L	EPA 625	1.5	5			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Hexachlorocyclopentadiene	n/a	=	36	%	EPA 625	-88	-88	0.1	136	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Hexachlorocyclopentadiene	n/a	=	32	%	EPA 625	-88	-88	0.1	136	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Hexachlorocyclopentadiene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-2	Lab	LCS	2/6/2012	Organic	Hexachloroethane	n/a	=	20.5	µg/L	EPA 625	0.52	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Hexachloroethane	n/a	=	26.3	µg/L	EPA 625	0.52	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Hexachloroethane	n/a	=	53	%	EPA 625	-88	-88	40	113	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Hexachloroethane	n/a	=	41	%	EPA 625	-88	-88	40	113	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Hexachloroethane	n/a	=	25	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Hexachloroethane	n/a	=	20.4	µg/L	EPA 625	0.52	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Hexachloroethane	n/a	=	26.8	µg/L	EPA 625	0.52	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Hexachloroethane	n/a	=	54	%	EPA 625	-88	-88	40	113	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Hexachloroethane	n/a	=	41	%	EPA 625	-88	-88	40	113	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Hexachloroethane	n/a	=	27	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Hexachloroethane	n/a	=	15.2	µg/L	EPA 625	0.52	1			EUM
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Hexachloroethane	n/a	=	19.6	µg/L	EPA 625	0.52	1			EUM
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Hexachloroethane	n/a	=	39	%	EPA 625	-88	-88	40	113	EUM
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Hexachloroethane	n/a	=	30	%	EPA 625	-88	-88	40	113	EUM
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Hexachloroethane	n/a	=	25	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-2	Lab	LCS	2/3/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	14.2	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13.1	µg/L	EPA 8270Cm	0.1	0.5			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	66	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	71	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.56	µg/L	EPA 8270Cm	0.1	0.5			IP
2011/12-2	Lab	LCS	2/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3.79	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4.09	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	82	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	76	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-2	Lab	LCS	2/6/2012	Organic	Isophorone	n/a	=	40.6	µg/L	EPA 625	0.21	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Isophorone	n/a	=	43.2	µg/L	EPA 625	0.21	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Isophorone	n/a	=	86	%	EPA 625	-88	-88	21	196	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Isophorone	n/a	=	81	%	EPA 625	-88	-88	21	196	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Isophorone	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Isophorone	n/a	=	39.5	µg/L	EPA 625	0.21	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Isophorone	n/a	=	41.8	µg/L	EPA 625	0.21	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Isophorone	n/a	=	84	%	EPA 625	-88	-88	21	196	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Isophorone	n/a	=	79	%	EPA 625	-88	-88	21	196	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Isophorone	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Isophorone	n/a	=	26.5	µg/L	EPA 625	0.21	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Isophorone	n/a	=	29.7	µg/L	EPA 625	0.21	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Isophorone	n/a	=	59	%	EPA 625	-88	-88	21	196	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Isophorone	n/a	=	53	%	EPA 625	-88	-88	21	196	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Isophorone	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-2	Lab	LCS	1/23/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.5	µg/L	EPA 524.2	0.19	2			
2011/12-2	Lab	LCS dup	1/23/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	7.08	µg/L	EPA 524.2	0.19	2			
2011/12-2	Lab	LCS dup, rec	1/23/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	118	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	LCS, rec	1/23/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	108	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	LCS, RPD	1/23/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	9	%	EPA 524.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/23/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2011/12-2	Lab	LCS	1/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	7.21	µg/L	EPA 524.2	0.19	2			
2011/12-2	Lab	LCS dup	1/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.12	µg/L	EPA 524.2	0.19	2			
2011/12-2	Lab	LCS dup, rec	1/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	102	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	LCS, rec	1/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	120	%	EPA 524.2	-88	-88	70	130	
2011/12-2	Lab	LCS, RPD	1/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	16	%	EPA 524.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2011/12-2	MO-VEN	field duplicate	1/23/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2011/12-2	Lab	LCS	2/3/2012	Organic	Naphthalene	n/a	=	11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Naphthalene	n/a	=	10.8	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Naphthalene	n/a	=	54	%	EPA 8270Cm	-88	-88	21	133	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Naphthalene	n/a	=	55	%	EPA 8270Cm	-88	-88	21	133	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Naphthalene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	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	
2011/12-2	Lab	LCS	2/10/2012	Organic	Naphthalene	n/a	=	2.48	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Naphthalene	n/a	=	2.63	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Naphthalene	n/a	=	53	%	EPA 8270Cm	-88	-88	21	133	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Naphthalene	n/a	=	50	%	EPA 8270Cm	-88	-88	21	133	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Naphthalene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS	2/6/2012	Organic	Nitrobenzene	n/a	=	35.6	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	Nitrobenzene	n/a	=	39.8	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	Nitrobenzene	n/a	=	80	%	EPA 625	-88	-88	35	180	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	Nitrobenzene	n/a	=	71	%	EPA 625	-88	-88	35	180	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	Nitrobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	Nitrobenzene	n/a	=	34.6	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Nitrobenzene	n/a	=	38.5	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Nitrobenzene	n/a	=	77	%	EPA 625	-88	-88	35	180	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Nitrobenzene	n/a	=	69	%	EPA 625	-88	-88	35	180	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Nitrobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	Nitrobenzene	n/a	=	24.6	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	Nitrobenzene	n/a	=	31.4	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	Nitrobenzene	n/a	=	63	%	EPA 625	-88	-88	35	180	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	Nitrobenzene	n/a	=	49	%	EPA 625	-88	-88	35	180	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	Nitrobenzene	n/a	=	25	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-2	Lab	srgt LCS	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	11.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	10.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	Lab	srgt LCS, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	Lab	srgt method blank	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	12.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	Lab	srgt LCS	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	38.4	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	42.7	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	34	139	
2011/12-2	Lab	srgt LCS, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	34	139	
2011/12-2	Lab	srgt method blank	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	42.4	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	34	139	
2011/12-2	Lab	srgt LCS	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	37.7	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	2.66	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	2.73	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	41.4	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	Lab	srgt LCS dup, rec	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	34	139	
2011/12-2	Lab	srgt LCS, rec	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	34	139	
2011/12-2	Lab	srgt LCS, rec	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	Lab	srgt method blank	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	39.6	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	3.22	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	79	%	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	
2011/12-2	Lab	srgt method blank, rec	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	Lab	srgt LCS	2/29/2012	Organic	Nitrobenzene-d5	n/a	=	24.4	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/29/2012	Organic	Nitrobenzene-d5	n/a	=	30.8	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/29/2012	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	34	139	
2011/12-2	Lab	srgt LCS, rec	2/29/2012	Organic	Nitrobenzene-d5	n/a	=	49	%	EPA 625	-88	-88	34	139	
2011/12-2	Lab	srgt method blank	2/29/2012	Organic	Nitrobenzene-d5	n/a	=	36.2	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/29/2012	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	34	139	
2011/12-2	ME-CC	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	4.43	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-2	ME-CC	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	22	%	EPA 8270Cm	-88	-88	51	143	GN
2011/12-2	ME-CC	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	32.4	µg/L	EPA 625	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	34	139	
2011/12-2	ME-SCR	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	37.2	µg/L	EPA 625	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	34	139	
2011/12-2	ME-SCR	srgt environ	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	3.59	µg/L	EPA 8270Cm	-88	-88			H,PJM
2011/12-2	ME-SCR	srgt environ, rec	2/10/2012	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270Cm	-88	-88	51	143	H,PJM
2011/12-2	ME-VR2	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	11.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	ME-VR2	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	44.4	µg/L	EPA 625	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	34	139	
2011/12-2	MO-CAM	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	12	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	MO-CAM	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	41.5	µg/L	EPA 625	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	34	139	
2011/12-2	MO-FIL	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	13.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	MO-FIL	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	41.6	µg/L	EPA 625	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	34	139	
2011/12-2	MO-HUE	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	13	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	MO-HUE	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	43.4	µg/L	EPA 625	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625	-88	-88	34	139	
2011/12-2	MO-MEI	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	11.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	MO-MEI	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	37.3	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625	-88	-88	34	139	
2011/12-2	MO-MPK	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	13.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	MO-MPK	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	38.6	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	34	139	
2011/12-2	MO-OJA	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	14.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	MO-OJA	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	41	%	EPA 625	-88	-88	34	139	
2011/12-2	MO-OXN	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	14	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	MO-OXN	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	42.2	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	84	%	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	
2011/12-2	MO-SIM	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	9.46	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-2	MO-SIM	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	47	%	EPA 8270Cm	-88	-88	51	143	GN
2011/12-2	MO-SIM	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	15	µg/L	EPA 625	-88	-88			GN
2011/12-2	MO-SIM	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	30	%	EPA 625	-88	-88	34	139	GN
2011/12-2	MO-SPA	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	13.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	MO-SPA	srgt environ	2/29/2012	Organic	Nitrobenzene-d5	n/a	=	40	µg/L	EPA 625	-88	-88			D,H,PJM
2011/12-2	MO-SPA	srgt environ, rec	2/29/2012	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	34	139	D,H,PJM
2011/12-2	MO-THO	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	13.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270Cm	-88	-88	51	143	
2011/12-2	MO-THO	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	35	µg/L	EPA 625	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 625	-88	-88	34	139	
2011/12-2	MO-VEN	srgt environ	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	8.24	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-2	MO-VEN	srgt environ, rec	2/3/2012	Organic	Nitrobenzene-d5	n/a	=	41	%	EPA 8270Cm	-88	-88	51	143	GN
2011/12-2	MO-VEN	srgt environ	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	34.8	µg/L	EPA 625	-88	-88			D
2011/12-2	MO-VEN	srgt environ, rec	2/6/2012	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 625	-88	-88	34	139	D
2011/12-2	Lab	LCS	2/6/2012	Organic	N-Nitrosodimethylamine	n/a	=	18.3	µg/L	EPA 625	0.14	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	N-Nitrosodimethylamine	n/a	=	20.8	µg/L	EPA 625	0.14	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625	-88	-88	27	78	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	N-Nitrosodimethylamine	n/a	=	37	%	EPA 625	-88	-88	27	78	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	N-Nitrosodimethylamine	n/a	=	13	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	N-Nitrosodimethylamine	n/a	=	18.2	µg/L	EPA 625	0.14	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	N-Nitrosodimethylamine	n/a	=	21.2	µg/L	EPA 625	0.14	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625	-88	-88	27	78	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	N-Nitrosodimethylamine	n/a	=	36	%	EPA 625	-88	-88	27	78	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	N-Nitrosodimethylamine	n/a	=	15	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	N-Nitrosodimethylamine	n/a	=	11.7	µg/L	EPA 625	0.14	1			EUM
2011/12-2	Lab	LCS dup	2/29/2012	Organic	N-Nitrosodimethylamine	n/a	=	14.4	µg/L	EPA 625	0.14	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	N-Nitrosodimethylamine	n/a	=	29	%	EPA 625	-88	-88	27	78	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	N-Nitrosodimethylamine	n/a	=	23	%	EPA 625	-88	-88	27	78	EUM
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	N-Nitrosodimethylamine	n/a	=	21	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	39.7	µg/L	EPA 625	0.26	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	44	µg/L	EPA 625	0.26	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	88	%	EPA 625	-88	-88	0.1	230	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	79	%	EPA 625	-88	-88	0.1	230	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	38	µg/L	EPA 625	0.26	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	42	µg/L	EPA 625	0.26	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	84	%	EPA 625	-88	-88	0.1	230	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	76	%	EPA 625	-88	-88	0.1	230	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	26.7	µg/L	EPA 625	0.26	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS dup	2/29/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	31.6	µg/L	EPA 625	0.26	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	63	%	EPA 625	-88	-88	0.1	230	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	53	%	EPA 625	-88	-88	0.1	230	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	17	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-2	Lab	LCS	2/6/2012	Organic	N-Nitrosodiphenylamine	n/a	=	37.1	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup	2/6/2012	Organic	N-Nitrosodiphenylamine	n/a	=	36.7	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup, rec	2/6/2012	Organic	N-Nitrosodiphenylamine	n/a	=	73	%	EPA 625	-88	-88	48	129	
2011/12-2	Lab	LCS, rec	2/6/2012	Organic	N-Nitrosodiphenylamine	n/a	=	74	%	EPA 625	-88	-88	48	129	
2011/12-2	Lab	LCS, RPD	2/6/2012	Organic	N-Nitrosodiphenylamine	n/a	=	1	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/6/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS	2/10/2012	Organic	N-Nitrosodiphenylamine	n/a	=	36.3	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	N-Nitrosodiphenylamine	n/a	=	35.5	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625	-88	-88	48	129	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	N-Nitrosodiphenylamine	n/a	=	73	%	EPA 625	-88	-88	48	129	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	N-Nitrosodiphenylamine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS	2/29/2012	Organic	N-Nitrosodiphenylamine	n/a	=	29.6	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup	2/29/2012	Organic	N-Nitrosodiphenylamine	n/a	=	28	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	LCS dup, rec	2/29/2012	Organic	N-Nitrosodiphenylamine	n/a	=	56	%	EPA 625	-88	-88	48	129	
2011/12-2	Lab	LCS, rec	2/29/2012	Organic	N-Nitrosodiphenylamine	n/a	=	59	%	EPA 625	-88	-88	48	129	
2011/12-2	Lab	LCS, RPD	2/29/2012	Organic	N-Nitrosodiphenylamine	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-2	Lab	method blank	2/29/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-2	Lab	srgt LCS	1/31/2012	Organic	Perylene-d12	n/a	=	3.74	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS	1/31/2012	Organic	Perylene-d12	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS dup	1/31/2012	Organic	Perylene-d12	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS dup	1/31/2012	Organic	Perylene-d12	n/a	=	4.26	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	1/31/2012	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	48	141	
2011/12-2	Lab	srgt LCS dup, rec	1/31/2012	Organic	Perylene-d12	n/a	=	85	%	EPA 525.2	-88	-88	48	141	
2011/12-2	Lab	srgt LCS, rec	1/31/2012	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	48	141	
2011/12-2	Lab	srgt LCS, rec	1/31/2012	Organic	Perylene-d12	n/a	=	75	%	EPA 525.2	-88	-88	48	141	
2011/12-2	Lab	srgt method blank	1/31/2012	Organic	Perylene-d12	n/a	=	4.32	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt method blank	1/31/2012	Organic	Perylene-d12	n/a	=	4.32	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	1/31/2012	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	48	141	
2011/12-2	Lab	srgt method blank, rec	1/31/2012	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	48	141	
2011/12-2	ME-CC	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	4.38	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	48	141	
2011/12-2	ME-SCR	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	3.49	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	70	%	EPA 525.2	-88	-88	48	141	
2011/12-2	ME-VR2	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	3.88	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	78	%	EPA 525.2	-88	-88	48	141	
2011/12-2	MO-CAM	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	4.07	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	48	141	
2011/12-2	MO-FIL	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	4.09	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	48	141	
2011/12-2	MO-HUE	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	4.08	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	48	141	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-MEI	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	3.84	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	77	%	EPA 525.2	-88	-88	48	141	
2011/12-2	MO-MPK	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	2.61	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	52	%	EPA 525.2	-88	-88	48	141	
2011/12-2	MO-OJA	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	2.45	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	49	%	EPA 525.2	-88	-88	48	141	
2011/12-2	MO-OXN	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	1.93	µg/L	EPA 525.2	-88	-88			GN
2011/12-2	MO-OXN	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	39	%	EPA 525.2	-88	-88	48	141	GN
2011/12-2	MO-SIM	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	3.37	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	67	%	EPA 525.2	-88	-88	48	141	
2011/12-2	MO-SPA	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	2.12	µg/L	EPA 525.2	-88	-88			GN
2011/12-2	MO-SPA	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	42	%	EPA 525.2	-88	-88	48	141	GN
2011/12-2	MO-THO	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	3.82	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	76	%	EPA 525.2	-88	-88	48	141	
2011/12-2	MO-VEN	srgt environ	1/31/2012	Organic	Perylene-d12	n/a	=	2.31	µg/L	EPA 525.2	-88	-88			GN
2011/12-2	MO-VEN	srgt environ, rec	1/31/2012	Organic	Perylene-d12	n/a	=	46	%	EPA 525.2	-88	-88	48	141	GN
2011/12-2	Lab	LCS	2/3/2012	Organic	Phenanthrene	n/a	=	13.7	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Phenanthrene	n/a	=	13	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Phenanthrene	n/a	=	65	%	EPA 8270Cm	-88	-88	54	120	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Phenanthrene	n/a	=	69	%	EPA 8270Cm	-88	-88	54	120	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Phenanthrene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Phenanthrene	n/a	=	3.09	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Phenanthrene	n/a	=	3.17	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Phenanthrene	n/a	=	63	%	EPA 8270Cm	-88	-88	54	120	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Phenanthrene	n/a	=	62	%	EPA 8270Cm	-88	-88	54	120	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Phenanthrene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-2	Lab	LCS	2/1/2012	Organic	Phenol	n/a	=	5.54	µg/L	EPA 8270Cm	0.35	1			
2011/12-2	Lab	LCS dup	2/1/2012	Organic	Phenol	n/a	=	5.34	µg/L	EPA 8270Cm	0.35	1			
2011/12-2	Lab	LCS dup, rec	2/1/2012	Organic	Phenol	n/a	=	27	%	EPA 8270Cm	-88	-88	14	40	
2011/12-2	Lab	LCS, rec	2/1/2012	Organic	Phenol	n/a	=	28	%	EPA 8270Cm	-88	-88	14	40	
2011/12-2	Lab	LCS, RPD	2/1/2012	Organic	Phenol	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/1/2012	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2011/12-2	Lab	srgt LCS	2/1/2012	Organic	Phenol-d5	n/a	=	10.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/1/2012	Organic	Phenol-d5	n/a	=	10.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/1/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	Lab	srgt LCS, rec	2/1/2012	Organic	Phenol-d5	n/a	=	27	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	Lab	srgt method blank	2/1/2012	Organic	Phenol-d5	n/a	=	13.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/1/2012	Organic	Phenol-d5	n/a	=	33	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	Lab	srgt LCS	2/6/2012	Organic	Phenol-d5	n/a	=	33	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/6/2012	Organic	Phenol-d5	n/a	=	36.6	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/6/2012	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	2	70	
2011/12-2	Lab	srgt LCS, rec	2/6/2012	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	2	70	
2011/12-2	Lab	srgt method blank	2/6/2012	Organic	Phenol-d5	n/a	=	35.6	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/6/2012	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	2	70	
2011/12-2	Lab	srgt LCS	2/10/2012	Organic	Phenol-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	
2011/12-2	Lab	srgt LCS dup	2/10/2012	Organic	Phenol-d5	n/a	=	34.7	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/10/2012	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	2	70	
2011/12-2	Lab	srgt LCS, rec	2/10/2012	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	
2011/12-2	Lab	srgt method blank	2/10/2012	Organic	Phenol-d5	n/a	=	31	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/10/2012	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	
2011/12-2	Lab	srgt LCS	2/29/2012	Organic	Phenol-d5	n/a	=	14.9	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/29/2012	Organic	Phenol-d5	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/29/2012	Organic	Phenol-d5	n/a	=	19	%	EPA 625	-88	-88	2	70	
2011/12-2	Lab	srgt LCS, rec	2/29/2012	Organic	Phenol-d5	n/a	=	15	%	EPA 625	-88	-88	2	70	
2011/12-2	Lab	srgt method blank	2/29/2012	Organic	Phenol-d5	n/a	=	26.4	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/29/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	
2011/12-2	ME-CC	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	32	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	ME-CC	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	26.3	µg/L	EPA 625	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	
2011/12-2	ME-SCR	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	29	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	ME-SCR	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	27.5	µg/L	EPA 625	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	2	70	
2011/12-2	ME-VR2	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	10.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	ME-VR2	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	34.8	µg/L	EPA 625	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	
2011/12-2	MO-CAM	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	15.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	38	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-CAM	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	29.6	µg/L	EPA 625	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	
2011/12-2	MO-FIL	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	12.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	30	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-FIL	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	29.2	µg/L	EPA 625	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2011/12-2	MO-HUE	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	31	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-HUE	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	32.4	µg/L	EPA 625	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	2	70	
2011/12-2	MO-MEI	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	13.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	31	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-MEI	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	30.5	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2011/12-2	MO-MPK	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	36	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-MPK	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	27.5	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	
2011/12-2	MO-OJA	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	32	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-OJA	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	19.5	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	18	%	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	
2011/12-2	MO-OXN	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	33	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-OXN	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	31.4	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	
2011/12-2	MO-SIM	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	5.78	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	14	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-SIM	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	13	%	EPA 625	-88	-88	2	70	
2011/12-2	MO-SPA	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	38	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-SPA	srgt environ	2/29/2012	Organic	Phenol-d5	n/a	=	24.2	µg/L	EPA 625	-88	-88			D,H,PJM
2011/12-2	MO-SPA	srgt environ, rec	2/29/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	2	70	D,H,PJM
2011/12-2	MO-THO	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	33	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-THO	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	23	µg/L	EPA 625	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	23	%	EPA 625	-88	-88	2	70	
2011/12-2	MO-VEN	srgt environ	2/1/2012	Organic	Phenol-d5	n/a	=	7.51	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	2/1/2012	Organic	Phenol-d5	n/a	=	19	%	EPA 8270Cm	-88	-88	13	58	
2011/12-2	MO-VEN	srgt environ	2/6/2012	Organic	Phenol-d5	n/a	=	26.9	µg/L	EPA 625	-88	-88			D
2011/12-2	MO-VEN	srgt environ, rec	2/6/2012	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	2	70	D
2011/12-2	Lab	srgt LCS	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	15.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	14.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	Lab	srgt LCS, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	Lab	srgt method blank	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	18.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	Lab	srgt LCS	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	48.2	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	44.8	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	6	145	
2011/12-2	Lab	srgt LCS, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625	-88	-88	6	145	
2011/12-2	Lab	srgt method blank	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	45.3	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625	-88	-88	6	145	
2011/12-2	Lab	srgt LCS	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	44.4	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	3.34	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	41.9	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	3.43	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	Lab	srgt LCS dup, rec	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	6	145	
2011/12-2	Lab	srgt LCS, rec	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625	-88	-88	6	145	
2011/12-2	Lab	srgt LCS, rec	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	Lab	srgt method blank	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	3.83	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	Lab	srgt method blank	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	41.4	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	Lab	srgt method blank, rec	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625	-88	-88	6	145	
2011/12-2	Lab	srgt LCS	2/29/2012	Organic	p-Terphenyl-d14	n/a	=	41.4	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup	2/29/2012	Organic	p-Terphenyl-d14	n/a	=	41.8	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	2/29/2012	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	6	145	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	srgt LCS, rec	2/29/2012	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625	-88	-88	6	145	
2011/12-2	Lab	srgt method blank	2/29/2012	Organic	p-Terphenyl-d14	n/a	=	47	µg/L	EPA 625	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/29/2012	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625	-88	-88	6	145	
2011/12-2	ME-CC	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	6.32	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	32	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	ME-CC	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	38.6	µg/L	EPA 625	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	6	145	
2011/12-2	ME-SCR	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	38.7	µg/L	EPA 625	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	6	145	
2011/12-2	ME-SCR	srgt environ	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	3.86	µg/L	EPA 8270Cm	-88	-88			H,PJM
2011/12-2	ME-SCR	srgt environ, rec	2/10/2012	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270Cm	-88	-88	19	134	H,PJM
2011/12-2	ME-VR2	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	15.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	ME-VR2	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	49.1	µg/L	EPA 625	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	6	145	
2011/12-2	MO-CAM	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	14.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-CAM	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	48.3	µg/L	EPA 625	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625	-88	-88	6	145	
2011/12-2	MO-FIL	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	14.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-FIL	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	46.4	µg/L	EPA 625	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 625	-88	-88	6	145	
2011/12-2	MO-HUE	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	12.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-HUE	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	43.3	µg/L	EPA 625	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625	-88	-88	6	145	
2011/12-2	MO-MEI	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	12	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	57	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-MEI	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	42.9	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 625	-88	-88	6	145	
2011/12-2	MO-MPK	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	12.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-MPK	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	43.7	µg/L	EPA 625	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625	-88	-88	6	145	
2011/12-2	MO-OJA	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	13.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-OJA	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	32.5	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	6	145	
2011/12-2	MO-OXN	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	11.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-OXN	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	48.6	µg/L	EPA 625	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625	-88	-88	6	145	
2011/12-2	MO-SIM	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	12.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-SIM	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	32.9	µg/L	EPA 625	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 625	-88	-88	6	145	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-SPA	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	14.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-SPA	srgt environ	2/29/2012	Organic	p-Terphenyl-d14	n/a	=	43.2	µg/L	EPA 625	-88	-88			D,H,PJM
2011/12-2	MO-SPA	srgt environ, rec	2/29/2012	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625	-88	-88	6	145	D,H,PJM
2011/12-2	MO-THO	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	16	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-THO	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	43.7	µg/L	EPA 625	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625	-88	-88	6	145	
2011/12-2	MO-VEN	srgt environ	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	10.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	2/3/2012	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 8270Cm	-88	-88	19	134	
2011/12-2	MO-VEN	srgt environ	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	41.4	µg/L	EPA 625	-88	-88			D
2011/12-2	MO-VEN	srgt environ, rec	2/6/2012	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625	-88	-88	6	145	D
2011/12-2	Lab	LCS	2/3/2012	Organic	Pyrene	n/a	=	15.2	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-2	Lab	LCS dup	2/3/2012	Organic	Pyrene	n/a	=	14.6	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-2	Lab	LCS dup, rec	2/3/2012	Organic	Pyrene	n/a	=	73	%	EPA 8270Cm	-88	-88	52	115	
2011/12-2	Lab	LCS, rec	2/3/2012	Organic	Pyrene	n/a	=	76	%	EPA 8270Cm	-88	-88	52	115	
2011/12-2	Lab	LCS, RPD	2/3/2012	Organic	Pyrene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/3/2012	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-2	Lab	LCS	2/10/2012	Organic	Pyrene	n/a	=	2.95	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-2	Lab	LCS dup	2/10/2012	Organic	Pyrene	n/a	=	3.12	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-2	Lab	LCS dup, rec	2/10/2012	Organic	Pyrene	n/a	=	62	%	EPA 8270Cm	-88	-88	52	115	
2011/12-2	Lab	LCS, rec	2/10/2012	Organic	Pyrene	n/a	=	59	%	EPA 8270Cm	-88	-88	52	115	
2011/12-2	Lab	LCS, RPD	2/10/2012	Organic	Pyrene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-2	Lab	method blank	2/10/2012	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-2	000NONPJ	srgt matrix spike	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0726	µg/L	EPA 608	-88	-88			
2011/12-2	000NONPJ	srgt matrix spike dup	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0786	µg/L	EPA 608	-88	-88			
2011/12-2	000NONPJ	srgt matrix spike dup, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	26	131	
2011/12-2	000NONPJ	srgt matrix spike, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	26	131	
2011/12-2	Lab	srgt LCS	2/2/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0691	µg/L	EPA 608	-88	-88			
2011/12-2	Lab	srgt LCS, rec	2/2/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608	-88	-88	26	131	
2011/12-2	Lab	srgt method blank	2/2/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0711	µg/L	EPA 608	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/2/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608	-88	-88	26	131	
2011/12-2	ME-CC	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0647	µg/L	EPA 608	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608	-88	-88	26	131	
2011/12-2	ME-SCR	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0742	µg/L	EPA 608	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	26	131	
2011/12-2	ME-VR2	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0452	µg/L	EPA 608	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	45	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-CAM	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0696	µg/L	EPA 608	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-FIL	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0455	µg/L	EPA 608	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	45	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-HUE	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0402	µg/L	EPA 608	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	40	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-MEI	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0584	µg/L	EPA 608	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	58	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-MPK	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.073	µg/L	EPA 608	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-MPK	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-OJA	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0465	µg/L	EPA 608	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-OXN	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0605	µg/L	EPA 608	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-SIM	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0829	µg/L	EPA 608	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-SPA	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0611	µg/L	EPA 608	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-THO	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0499	µg/L	EPA 608	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 608	-88	-88	26	131	
2011/12-2	MO-VEN	srgt environ	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0485	µg/L	EPA 608	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	2/3/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608	-88	-88	26	131	
2011/12-2	Lab	srgt LCS	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.519	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	71	150	
2011/12-2	Lab	srgt method blank	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.585	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-2	Lab	srgt LCS	1/31/2012	Organic	Triphenylphosphate	n/a	=	4.54	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS	1/31/2012	Organic	Triphenylphosphate	n/a	=	6.29	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS dup	1/31/2012	Organic	Triphenylphosphate	n/a	=	6.57	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS dup	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS dup, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	71	150	
2011/12-2	Lab	srgt LCS dup, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	131	%	EPA 525.2	-88	-88	71	150	
2011/12-2	Lab	srgt LCS, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	71	150	
2011/12-2	Lab	srgt LCS, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	91	%	EPA 525.2	-88	-88	71	150	
2011/12-2	Lab	srgt method blank	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt method blank	1/31/2012	Organic	Triphenylphosphate	n/a	=	6.02	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	71	150	
2011/12-2	Lab	srgt method blank, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	71	150	
2011/12-2	Lab	srgt LCS	2/2/2012	Organic	Triphenylphosphate	n/a	=	0.619	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt LCS, rec	2/2/2012	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	71	150	
2011/12-2	Lab	srgt method blank	2/2/2012	Organic	Triphenylphosphate	n/a	=	0.612	µg/L	EPA 525.2	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/2/2012	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	71	150	
2011/12-2	ME-CC	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.526	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2011/12-2	ME-CC	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	7.07	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	141	%	EPA 525.2	-88	-88	71	150	
2011/12-2	ME-SCR	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.466	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2	-88	-88	71	150	
2011/12-2	ME-SCR	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.77	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	71	150	
2011/12-2	ME-VR2	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.629	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	71	150	
2011/12-2	ME-VR2	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	6.11	µg/L	EPA 525.2	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-CAM	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.583	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	MO-CAM	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.39	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-FIL	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.569	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-FIL	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.68	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-HUE	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.96	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-HUE	srgt environ	2/2/2012	Organic	Triphenylphosphate	n/a	=	0.705	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/2/2012	Organic	Triphenylphosphate	n/a	=	141	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-HUE	srgt matrix spike	2/2/2012	Organic	Triphenylphosphate	n/a	=	0.593	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-HUE	srgt matrix spike dup	2/2/2012	Organic	Triphenylphosphate	n/a	=	0.621	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-HUE	srgt matrix spike dup, rec	2/2/2012	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-HUE	srgt matrix spike, rec	2/2/2012	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-MEI	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.87	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-MEI	srgt environ	2/2/2012	Organic	Triphenylphosphate	n/a	=	0.652	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/2/2012	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-MPK	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.603	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-MPK	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.62	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-OJA	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.577	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-OJA	srgt matrix spike	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.6	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OJA	srgt matrix spike dup	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.114	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OJA	srgt matrix spike dup, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-OJA	srgt matrix spike, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-OJA	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.61	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-OXN	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.673	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-OXN	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.8	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-SIM	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.552	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-SIM	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.69	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-SPA	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.638	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-SPA	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.6	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-THO	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.456	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	91	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-THO	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	5.98	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-VEN	srgt environ	1/30/2012	Organic	Triphenylphosphate	n/a	=	0.587	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	
2011/12-2	MO-VEN	srgt environ, rec	1/30/2012	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-2	MO-VEN	srgt environ	1/31/2012	Organic	Triphenylphosphate	n/a	=	6.11	µg/L	EPA 525.2	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	1/31/2012	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	71	150	
2011/12-2	000NONPJ	srgt matrix spike	2/3/2012	PCB	PCB 209	n/a	=	0.0693	µg/L	EPA 608	-88	-88			
2011/12-2	000NONPJ	srgt matrix spike dup	2/3/2012	PCB	PCB 209	n/a	=	0.0716	µg/L	EPA 608	-88	-88			
2011/12-2	000NONPJ	srgt matrix spike dup, rec	2/3/2012	PCB	PCB 209	n/a	=	72	%	EPA 608	-88	-88	0.1	154	
2011/12-2	000NONPJ	srgt matrix spike, rec	2/3/2012	PCB	PCB 209	n/a	=	69	%	EPA 608	-88	-88	0.1	154	
2011/12-2	Lab	srgt LCS	2/2/2012	PCB	PCB 209	n/a	=	0.0672	µg/L	EPA 608	-88	-88			
2011/12-2	Lab	srgt LCS, rec	2/2/2012	PCB	PCB 209	n/a	=	67	%	EPA 608	-88	-88	0.1	154	
2011/12-2	Lab	srgt method blank	2/2/2012	PCB	PCB 209	n/a	=	0.0727	µg/L	EPA 608	-88	-88			
2011/12-2	Lab	srgt method blank, rec	2/2/2012	PCB	PCB 209	n/a	=	73	%	EPA 608	-88	-88	0.1	154	
2011/12-2	ME-CC	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0441	µg/L	EPA 608	-88	-88			
2011/12-2	ME-CC	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	44	%	EPA 608	-88	-88	0.1	154	
2011/12-2	ME-SCR	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0392	µg/L	EPA 608	-88	-88			
2011/12-2	ME-SCR	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	154	
2011/12-2	ME-VR2	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0302	µg/L	EPA 608	-88	-88			
2011/12-2	ME-VR2	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	30	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-CAM	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0548	µg/L	EPA 608	-88	-88			
2011/12-2	MO-CAM	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	55	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-FIL	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0507	µg/L	EPA 608	-88	-88			
2011/12-2	MO-FIL	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	51	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-HUE	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0497	µg/L	EPA 608	-88	-88			
2011/12-2	MO-HUE	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	50	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-MEI	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0367	µg/L	EPA 608	-88	-88			
2011/12-2	MO-MEI	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-MPK	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0443	µg/L	EPA 608	-88	-88			
2011/12-2	MO-MPK	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	44	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-OJA	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0367	µg/L	EPA 608	-88	-88			
2011/12-2	MO-OJA	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-OXN	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0332	µg/L	EPA 608	-88	-88			
2011/12-2	MO-OXN	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	33	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-SIM	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0534	µg/L	EPA 608	-88	-88			
2011/12-2	MO-SIM	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	53	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-SPA	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0295	µg/L	EPA 608	-88	-88			
2011/12-2	MO-SPA	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	29	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-THO	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0532	µg/L	EPA 608	-88	-88			
2011/12-2	MO-THO	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	53	%	EPA 608	-88	-88	0.1	154	
2011/12-2	MO-VEN	srgt environ	2/3/2012	PCB	PCB 209	n/a	=	0.0455	µg/L	EPA 608	-88	-88			
2011/12-2	MO-VEN	srgt environ, rec	2/3/2012	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	154	
2011/12-2	Lab	method blank	2/2/2012	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2011/12-2	Lab	method blank	2/2/2012	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-2	Lab	method blank	2/2/2012	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2011/12-2	Lab	method blank	2/2/2012	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2011/12-2	Lab	method blank	2/2/2012	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-2	Lab	method blank	2/2/2012	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-2	Lab	method blank	2/2/2012	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	2,4,5-T	n/a	=	3.41	µg/L	EPA 515.3	0.07	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	
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	2,4,5-T	n/a	=	3.24	µg/L	EPA 515.3	0.07	0.2			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	2,4,5-T	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	2,4,5-T	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	2,4,5-T	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	2,4,5-T	n/a	=	3.71	µg/L	EPA 515.3	0.07	0.2			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	2,4,5-T	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	2,4,5-T	n/a	=	2.99	µg/L	EPA 515.3	0.07	0.2			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	2,4,5-T	n/a	=	3.05	µg/L	EPA 515.3	0.07	0.2			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	2,4,5-T	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	2,4,5-T	n/a	=	75	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	2,4,5-TP	n/a	=	3.07	µg/L	EPA 515.3	0.09	0.2			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	2,4,5-TP	n/a	=	2.92	µg/L	EPA 515.3	0.09	0.2			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	2,4,5-TP	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	2,4,5-TP	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	2,4,5-TP	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	2,4,5-TP	n/a	=	4.1	µg/L	EPA 515.3	0.09	0.2			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	2,4,5-TP	n/a	=	3.18	µg/L	EPA 515.3	0.09	0.2			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	2,4,5-TP	n/a	=	3.32	µg/L	EPA 515.3	0.09	0.2			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	2,4,5-TP	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	2,4,5-TP	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	2,4,5-TP	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	2,4-D	n/a	=	6.41	µg/L	EPA 515.3	0.07	0.4			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	2,4-D	n/a	=	6.21	µg/L	EPA 515.3	0.07	0.4			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	2,4-D	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	2,4-D	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	2,4-D	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	2,4-D	n/a	=	8.09	µg/L	EPA 515.3	0.07	0.4			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	2,4-D	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	2,4-D	n/a	=	6.75	µg/L	EPA 515.3	0.07	0.4			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	2,4-D	n/a	=	7.64	µg/L	EPA 515.3	0.07	0.4			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	2,4-D	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	2,4-D	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	2,4-D	n/a	=	12	%	EPA 515.3	-88	-88	0	30	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	2,4-DB	n/a	=	17.6	µg/L	EPA 515.3	0.07	2			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	2,4-DB	n/a	=	17.8	µg/L	EPA 515.3	0.07	2			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	2,4-DB	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	2,4-DB	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	2,4-DB	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	2,4-DB	n/a	=	20.4	µg/L	EPA 515.3	0.07	2			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	2,4-DB	n/a	=	127	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	2,4-DB	n/a	=	18.1	µg/L	EPA 515.3	0.07	2			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	2,4-DB	n/a	=	19.5	µg/L	EPA 515.3	0.07	2			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	2,4-DB	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	2,4-DB	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	2,4-DB	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.24	µg/L	EPA 515.3	0.09	1			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.3	µg/L	EPA 515.3	0.09	1			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.13	µg/L	EPA 515.3	0.09	1			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.69	µg/L	EPA 515.3	0.09	1			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.1	µg/L	EPA 515.3	0.09	1			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	4,4'-DDD	n/a	=	0.071	µg/L	EPA 608	0.003	0.05			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	4,4'-DDD	n/a	=	0.0719	µg/L	EPA 608	0.003	0.05			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	4,4'-DDD	n/a	=	72	%	EPA 608	-88	-88	31	141	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	4,4'-DDD	n/a	=	71	%	EPA 608	-88	-88	31	141	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	4,4'-DDD	n/a	=	1	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	4,4'-DDD	n/a	=	0.0561	µg/L	EPA 608	0.003	0.05			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	4,4'-DDD	n/a	=	56	%	EPA 608	-88	-88	30	141	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	4,4'-DDE	n/a	=	0.0767	µg/L	EPA 608	0.0025	0.05			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	4,4'-DDE	n/a	=	0.08	µg/L	EPA 608	0.0025	0.05			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	4,4'-DDE	n/a	=	80	%	EPA 608	-88	-88	30	145	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	4,4'-DDE	n/a	=	77	%	EPA 608	-88	-88	30	145	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	4,4'-DDE	n/a	=	0.066	µg/L	EPA 608	0.0025	0.05			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	4,4'-DDE	n/a	=	66	%	EPA 608	-88	-88	30	145	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	4,4'-DDT	n/a	=	0.0963	µg/L	EPA 608	0.0031	0.01			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	4,4'-DDT	n/a	=	0.0953	µg/L	EPA 608	0.0031	0.01			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	4,4'-DDT	n/a	=	95	%	EPA 608	-88	-88	25	160	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	4,4'-DDT	n/a	=	96	%	EPA 608	-88	-88	25	160	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	4,4'-DDT	n/a	=	1	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	4,4'-DDT	n/a	=	0.0776	µg/L	EPA 608	0.0031	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	4,4'-DDT	n/a	=	78	%	EPA 608	-88	-88	25	160	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	Acifluorfen	n/a	=	2.34	µg/L	EPA 515.3	0.06	0.4			GB
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	Acifluorfen	n/a	=	2.36	µg/L	EPA 515.3	0.06	0.4			GB
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	Acifluorfen	n/a	=	59	%	EPA 515.3	-88	-88	70	130	GB
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	Acifluorfen	n/a	=	58	%	EPA 515.3	-88	-88	70	130	GB
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	Acifluorfen	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	Acifluorfen	n/a	=	3.13	µg/L	EPA 515.3	0.06	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	
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	Acifluorfen	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	Acifluorfen	n/a	=	2.41	µg/L	EPA 515.3	0.06	0.4			GB
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	Acifluorfen	n/a	=	2.48	µg/L	EPA 515.3	0.06	0.4			GB
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	Acifluorfen	n/a	=	62	%	EPA 515.3	-88	-88	70	130	GB
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	Acifluorfen	n/a	=	60	%	EPA 515.3	-88	-88	70	130	GB
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Alachlor	n/a	=	4.42	µg/L	EPA 525.2	0.022	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Alachlor	n/a	=	5.64	µg/L	EPA 525.2	0.022	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Alachlor	n/a	=	5.11	µg/L	EPA 525.2	0.022	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Alachlor	n/a	=	4.18	µg/L	EPA 525.2	0.022	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Alachlor	n/a	=	84	%	EPA 525.2	-88	-88	58	164	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Alachlor	n/a	=	102	%	EPA 525.2	-88	-88	58	164	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Alachlor	n/a	=	88	%	EPA 525.2	-88	-88	58	164	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Alachlor	n/a	=	113	%	EPA 525.2	-88	-88	58	164	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Alachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Alachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	Aldrin	n/a	=	0.0774	µg/L	EPA 608	0.0015	0.005			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	Aldrin	n/a	=	0.0806	µg/L	EPA 608	0.0015	0.005			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	Aldrin	n/a	=	81	%	EPA 608	-88	-88	42	122	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	Aldrin	n/a	=	77	%	EPA 608	-88	-88	42	122	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	Aldrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Aldrin	n/a	=	0.0669	µg/L	EPA 608	0.0015	0.005			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Aldrin	n/a	=	67	%	EPA 608	-88	-88	42	122	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	alpha-BHC	n/a	=	0.0879	µg/L	EPA 608	0.0018	0.01			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	alpha-BHC	n/a	=	0.0945	µg/L	EPA 608	0.0018	0.01			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	alpha-BHC	n/a	=	92	%	EPA 608	-88	-88	37	134	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	alpha-BHC	n/a	=	86	%	EPA 608	-88	-88	37	134	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	alpha-BHC	n/a	=	7	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	alpha-BHC	n/a	=	0.0733	µg/L	EPA 608	0.0018	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	alpha-BHC	n/a	=	73	%	EPA 608	-88	-88	37	134	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2011/12-2	Lab	method blank	2/2/2012	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Atrazine	n/a	=	3.88	µg/L	EPA 525.2	0.034	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Atrazine	n/a	=	4.16	µg/L	EPA 525.2	0.034	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Atrazine	n/a	=	4.82	µg/L	EPA 525.2	0.034	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Atrazine	n/a	=	4.27	µg/L	EPA 525.2	0.034	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Atrazine	n/a	=	96	%	EPA 525.2	-88	-88	68	133	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Atrazine	n/a	=	85	%	EPA 525.2	-88	-88	68	133	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Atrazine	n/a	=	83	%	EPA 525.2	-88	-88	68	133	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Atrazine	n/a	=	78	%	EPA 525.2	-88	-88	68	133	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Atrazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Atrazine	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	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	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Azinphos methyl	n/a	DNQ	0.0064	µg/L	EPA 525.2	0.0055	0.01			EUM
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Azinphos methyl	n/a	=	13	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			EUM
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Azinphos methyl	n/a	=	0	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Azinphos methyl	n/a	=	0.0447	µg/L	EPA 525.2	0.0055	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Azinphos methyl	n/a	=	0.0766	µg/L	EPA 525.2	0.0055	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Azinphos methyl	n/a	=	153	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Azinphos methyl	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Azinphos methyl	n/a	=	53	%	EPA 525.2	-88	-88	0	25	IL
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Azinphos methyl	n/a	=	0.0395	µg/L	EPA 525.2	0.0055	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Azinphos methyl	n/a	=	0.0334	µg/L	EPA 525.2	0.0055	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Azinphos methyl	n/a	=	67	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Azinphos methyl	n/a	=	79	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Azinphos methyl	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	Bentazon	n/a	=	13.8	µg/L	EPA 515.3	0.11	2			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	Bentazon	n/a	=	13.3	µg/L	EPA 515.3	0.11	2			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	Bentazon	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	Bentazon	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	Bentazon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	Bentazon	n/a	=	16.3	µg/L	EPA 515.3	0.11	2			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	Bentazon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	Bentazon	n/a	=	14	µg/L	EPA 515.3	0.11	2			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	Bentazon	n/a	=	14.5	µg/L	EPA 515.3	0.11	2			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	Bentazon	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	Bentazon	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	Bentazon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	beta-BHC	n/a	=	0.085	µg/L	EPA 608	0.0031	0.005			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	beta-BHC	n/a	=	0.0857	µg/L	EPA 608	0.0031	0.005			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	beta-BHC	n/a	=	86	%	EPA 608	-88	-88	17	147	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	beta-BHC	n/a	=	85	%	EPA 608	-88	-88	17	147	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	beta-BHC	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	beta-BHC	n/a	=	0.0712	µg/L	EPA 608	0.0031	0.005			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	beta-BHC	n/a	=	71	%	EPA 608	-88	-88	14	147	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Bolstar	n/a	=	0.0504	µg/L	EPA 525.2	0.0046	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Bolstar	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Bolstar	n/a	=	0.0577	µg/L	EPA 525.2	0.0046	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Bolstar	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Bolstar	n/a	=	0.0656	µg/L	EPA 525.2	0.0046	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Bolstar	n/a	=	0.0621	µg/L	EPA 525.2	0.0046	0.01			
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Bolstar	n/a	=	124	%	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	
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Bolstar	n/a	=	131	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Bolstar	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Bolstar	n/a	=	0.0622	µg/L	EPA 525.2	0.0046	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Bolstar	n/a	=	0.0512	µg/L	EPA 525.2	0.0046	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Bolstar	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Bolstar	n/a	=	124	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Bolstar	n/a	=	20	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Bromacil	n/a	=	4.63	µg/L	EPA 525.2	0.038	1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Bromacil	n/a	=	4.1	µg/L	EPA 525.2	0.038	1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Bromacil	n/a	=	4.22	µg/L	EPA 525.2	0.038	1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Bromacil	n/a	=	3.97	µg/L	EPA 525.2	0.038	1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Bromacil	n/a	=	79	%	EPA 525.2	-88	-88	43	177	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Bromacil	n/a	=	84	%	EPA 525.2	-88	-88	43	177	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Bromacil	n/a	=	82	%	EPA 525.2	-88	-88	43	177	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Bromacil	n/a	=	93	%	EPA 525.2	-88	-88	43	177	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Bromacil	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Butachlor	n/a	=	5.64	µg/L	EPA 525.2	0.017	0.2			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Butachlor	n/a	=	4.7	µg/L	EPA 525.2	0.017	0.2			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Butachlor	n/a	=	4.43	µg/L	EPA 525.2	0.017	0.2			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Butachlor	n/a	=	5.16	µg/L	EPA 525.2	0.017	0.2			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Butachlor	n/a	=	103	%	EPA 525.2	-88	-88	55	178	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Butachlor	n/a	=	89	%	EPA 525.2	-88	-88	55	178	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Butachlor	n/a	=	113	%	EPA 525.2	-88	-88	55	178	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Butachlor	n/a	=	94	%	EPA 525.2	-88	-88	55	178	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Butachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Butachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Captan	n/a	=	4.83	µg/L	EPA 525.2	0.86	1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Captan	n/a	=	4.69	µg/L	EPA 525.2	0.86	1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Captan	n/a	=	5.58	µg/L	EPA 525.2	0.86	1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Captan	n/a	=	5.59	µg/L	EPA 525.2	0.86	1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Captan	n/a	=	112	%	EPA 525.2	-88	-88	20	215	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Captan	n/a	=	112	%	EPA 525.2	-88	-88	20	215	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Captan	n/a	=	97	%	EPA 525.2	-88	-88	20	215	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Captan	n/a	=	94	%	EPA 525.2	-88	-88	20	215	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Captan	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Captan	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Chloropropham	n/a	=	4.71	µg/L	EPA 525.2	0.01	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Chloropropham	n/a	=	4.36	µg/L	EPA 525.2	0.01	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Chloropropham	n/a	=	4.79	µg/L	EPA 525.2	0.01	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Chloropropham	n/a	=	5.08	µg/L	EPA 525.2	0.01	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Chloropropham	n/a	=	102	%	EPA 525.2	-88	-88	74	133	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Chloropropham	n/a	=	96	%	EPA 525.2	-88	-88	74	133	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Chloropropham	n/a	=	87	%	EPA 525.2	-88	-88	74	133	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Chloropropham	n/a	=	94	%	EPA 525.2	-88	-88	74	133	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Chloropropham	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Chloropropham	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Chlorpyrifos	n/a	=	0.0715	µg/L	EPA 525.2	0.0069	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Chlorpyrifos	n/a	=	143	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Chlorpyrifos	n/a	=	0.0641	µg/L	EPA 525.2	0.0069	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Chlorpyrifos	n/a	=	128	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Chlorpyrifos	n/a	=	0.0732	µg/L	EPA 525.2	0.0069	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Chlorpyrifos	n/a	=	0.0747	µg/L	EPA 525.2	0.0069	0.01			
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Chlorpyrifos	n/a	=	132	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Chlorpyrifos	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Chlorpyrifos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Chlorpyrifos	n/a	=	0.106	µg/L	EPA 525.2	0.0069	0.01			CT,GB
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Chlorpyrifos	n/a	=	0.113	µg/L	EPA 525.2	0.0069	0.01			CT,GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Chlorpyrifos	n/a	=	227	%	EPA 525.2	-88	-88	50	150	CT,GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Chlorpyrifos	n/a	=	212	%	EPA 525.2	-88	-88	50	150	CT,GB
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Chlorpyrifos	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Coumaphos	n/a	=	0.0633	µg/L	EPA 525.2	0.0051	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Coumaphos	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Coumaphos	n/a	=	0.0481	µg/L	EPA 525.2	0.0051	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Coumaphos	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Coumaphos	n/a	=	0.0977	µg/L	EPA 525.2	0.0051	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Coumaphos	n/a	=	0.106	µg/L	EPA 525.2	0.0051	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Coumaphos	n/a	=	211	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Coumaphos	n/a	=	195	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Coumaphos	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Coumaphos	n/a	=	0.0715	µg/L	EPA 525.2	0.0051	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Coumaphos	n/a	=	0.0611	µg/L	EPA 525.2	0.0051	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Coumaphos	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Coumaphos	n/a	=	143	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Coumaphos	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Cyanazine	n/a	=	4.91	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Cyanazine	n/a	=	4.01	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Cyanazine	n/a	=	5.41	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Cyanazine	n/a	=	4.57	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Cyanazine	n/a	=	91	%	EPA 525.2	-88	-88	69	131	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Cyanazine	n/a	=	108	%	EPA 525.2	-88	-88	69	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	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Cyanazine	n/a	=	80	%	EPA 525.2	-88	-88	69	131	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Cyanazine	n/a	=	98	%	EPA 525.2	-88	-88	69	131	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Cyanazine	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Cyanazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	Dalapon	n/a	=	8.05	µg/L	EPA 515.3	0.1	0.4			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	Dalapon	n/a	=	8.34	µg/L	EPA 515.3	0.1	0.4			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	Dalapon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	Dalapon	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	Dalapon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	Dalapon	n/a	=	8.82	µg/L	EPA 515.3	0.1	0.4			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	Dalapon	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	Dalapon	n/a	=	7.8	µg/L	EPA 515.3	0.1	0.4			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	Dalapon	n/a	=	7.72	µg/L	EPA 515.3	0.1	0.4			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	Dalapon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	Dalapon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	Dalapon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.29	µg/L	EPA 515.3	0.07	0.1			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.15	µg/L	EPA 515.3	0.07	0.1			GB
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	67	%	EPA 515.3	-88	-88	70	130	GB
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.24	µg/L	EPA 515.3	0.07	0.1			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	4.33	µg/L	EPA 515.3	0.07	0.1			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	4.3	µg/L	EPA 515.3	0.07	0.1			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	70	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	70	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	delta-BHC	n/a	=	0.0934	µg/L	EPA 608	0.0025	0.005			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	delta-BHC	n/a	=	0.0863	µg/L	EPA 608	0.0025	0.005			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	delta-BHC	n/a	=	86	%	EPA 608	-88	-88	19	140	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	delta-BHC	n/a	=	93	%	EPA 608	-88	-88	19	140	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	delta-BHC	n/a	=	8	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	delta-BHC	n/a	=	0.069	µg/L	EPA 608	0.0025	0.005			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	delta-BHC	n/a	=	69	%	EPA 608	-88	-88	19	140	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Demeton-O	n/a	=	0.0922	µg/L	EPA 525.2	0.01	0.01			EUM
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Demeton-O	n/a	=	184	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Demeton-O	n/a	=	0.0701	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Demeton-O	n/a	=	140	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Demeton-O	n/a	=	0.0939	µg/L	EPA 525.2	0.01	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	
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Demeton-O	n/a	=	0.0838	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Demeton-O	n/a	=	168	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Demeton-O	n/a	=	188	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Demeton-O	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Demeton-O	n/a	=	0.0965	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Demeton-O	n/a	=	0.101	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Demeton-O	n/a	=	202	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Demeton-O	n/a	=	193	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Demeton-O	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Demeton-S	n/a	=	0.0922	µg/L	EPA 525.2	0.01	0.01			EUM
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Demeton-S	n/a	=	184	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Demeton-S	n/a	=	0.0701	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Demeton-S	n/a	=	140	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Demeton-S	n/a	=	0.0939	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Demeton-S	n/a	=	0.0838	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Demeton-S	n/a	=	168	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Demeton-S	n/a	=	188	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Demeton-S	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Demeton-S	n/a	=	0.0965	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Demeton-S	n/a	=	0.101	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Demeton-S	n/a	=	202	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Demeton-S	n/a	=	193	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Demeton-S	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Diazinon	n/a	=	0.0624	µg/L	EPA 525.2	0.0052	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Diazinon	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Diazinon	n/a	=	0.0611	µg/L	EPA 525.2	0.0052	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Diazinon	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Diazinon	n/a	=	0.115	µg/L	EPA 525.2	0.0052	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Diazinon	n/a	=	0.118	µg/L	EPA 525.2	0.0052	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Diazinon	n/a	=	237	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Diazinon	n/a	=	230	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Diazinon	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Diazinon	n/a	=	0.0645	µg/L	EPA 525.2	0.0052	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Diazinon	n/a	=	0.0567	µg/L	EPA 525.2	0.0052	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Diazinon	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Diazinon	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Diazinon	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	Dicamba	n/a	=	7.13	µg/L	EPA 515.3	0.12	0.6			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	Dicamba	n/a	=	7.22	µg/L	EPA 515.3	0.12	0.6			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	Dicamba	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	Dicamba	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	Dicamba	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	Dicamba	n/a	=	7.73	µg/L	EPA 515.3	0.12	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	
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	Dicamba	n/a	=	6.92	µg/L	EPA 515.3	0.12	0.6			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	Dicamba	n/a	=	6.97	µg/L	EPA 515.3	0.12	0.6			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	Dicamba	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	Dicamba	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	Dicamba	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	Dichlorprop	n/a	=	6.18	µg/L	EPA 515.3	0.08	0.3			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	Dichlorprop	n/a	=	6.05	µg/L	EPA 515.3	0.08	0.3			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	Dichlorprop	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	Dichlorprop	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	Dichlorprop	n/a	=	7.13	µg/L	EPA 515.3	0.08	0.3			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	Dichlorprop	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	Dichlorprop	n/a	=	6.23	µg/L	EPA 515.3	0.08	0.3			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	Dichlorprop	n/a	=	6.25	µg/L	EPA 515.3	0.08	0.3			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	Dichlorprop	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	Dichlorprop	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	Dichlorprop	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Dichlorvos	n/a	=	0.0631	µg/L	EPA 525.2	0.0029	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Dichlorvos	n/a	=	126	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Dichlorvos	n/a	=	0.051	µg/L	EPA 525.2	0.0029	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Dichlorvos	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Dichlorvos	n/a	=	0.0614	µg/L	EPA 525.2	0.0029	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Dichlorvos	n/a	=	0.0624	µg/L	EPA 525.2	0.0029	0.01			
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Dichlorvos	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Dichlorvos	n/a	=	123	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Dichlorvos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Dichlorvos	n/a	=	0.0585	µg/L	EPA 525.2	0.0029	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Dichlorvos	n/a	=	0.0598	µg/L	EPA 525.2	0.0029	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Dichlorvos	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Dichlorvos	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Dichlorvos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	Dieldrin	n/a	=	0.0824	µg/L	EPA 608	0.0021	0.01			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	Dieldrin	n/a	=	0.0809	µg/L	EPA 608	0.0021	0.01			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	Dieldrin	n/a	=	78	%	EPA 608	-88	-88	36	146	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	Dieldrin	n/a	=	80	%	EPA 608	-88	-88	36	146	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	Dieldrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Dieldrin	n/a	=	0.0679	µg/L	EPA 608	0.0021	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Dieldrin	n/a	=	68	%	EPA 608	-88	-88	36	146	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Dimethoate	n/a	=	0.0816	µg/L	EPA 525.2	0.0062	0.01			EUM
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Dimethoate	n/a	=	163	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Dimethoate	n/a	=	0.0393	µg/L	EPA 525.2	0.0062	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Dimethoate	n/a	=	79	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Dimethoate	n/a	=	0.149	µg/L	EPA 525.2	0.0062	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Dimethoate	n/a	=	0.157	µg/L	EPA 525.2	0.0062	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Dimethoate	n/a	=	227	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Dimethoate	n/a	=	209	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Dimethoate	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Dimethoate	n/a	=	0.0709	µg/L	EPA 525.2	0.0062	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Dimethoate	n/a	=	0.0812	µg/L	EPA 525.2	0.0062	0.01			GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Dimethoate	n/a	=	162	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Dimethoate	n/a	=	142	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Dimethoate	n/a	=	14	%	EPA 525.2	-88	-88	0	25	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	Dinoseb	n/a	=	3	µg/L	EPA 515.3	0.14	0.4			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	Dinoseb	n/a	=	2.78	µg/L	EPA 515.3	0.14	0.4			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	Dinoseb	n/a	=	70	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	Dinoseb	n/a	=	75	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	Dinoseb	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	Dinoseb	n/a	=	3.54	µg/L	EPA 515.3	0.14	0.4			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	Dinoseb	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	Dinoseb	n/a	=	2.88	µg/L	EPA 515.3	0.14	0.4			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	Dinoseb	n/a	=	2.92	µg/L	EPA 515.3	0.14	0.4			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	Dinoseb	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	Dinoseb	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	Dinoseb	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Diphenamid	n/a	=	4.79	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Diphenamid	n/a	=	5.22	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Diphenamid	n/a	=	5.04	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Diphenamid	n/a	=	5.44	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Diphenamid	n/a	=	109	%	EPA 525.2	-88	-88	82	144	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Diphenamid	n/a	=	101	%	EPA 525.2	-88	-88	82	144	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	82	144	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Diphenamid	n/a	=	96	%	EPA 525.2	-88	-88	82	144	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Diphenamid	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Disulfoton	n/a	=	0.0966	µg/L	EPA 525.2	0.01	0.01			EUM
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Disulfoton	n/a	=	193	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Disulfoton	n/a	=	0.0604	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Disulfoton	n/a	=	121	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Disulfoton	n/a	=	0.0668	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Disulfoton	n/a	=	0.059	µg/L	EPA 525.2	0.01	0.01			
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Disulfoton	n/a	=	118	%	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	
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Disulfoton	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Disulfoton	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Disulfoton	n/a	=	0.0935	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Disulfoton	n/a	=	0.0935	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Disulfoton	n/a	=	187	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Disulfoton	n/a	=	187	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Disulfoton	n/a	=	0.07	%	EPA 525.2	-88	-88	0	25	
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	Endosulfan I	n/a	=	0.127	µg/L	EPA 608	0.0017	0.02			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	Endosulfan I	n/a	=	0.118	µg/L	EPA 608	0.0017	0.02			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	Endosulfan I	n/a	=	114	%	EPA 608	-88	-88	45	153	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	Endosulfan I	n/a	=	122	%	EPA 608	-88	-88	45	153	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	Endosulfan I	n/a	=	7	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Endosulfan I	n/a	=	0.101	µg/L	EPA 608	0.0017	0.02			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Endosulfan I	n/a	=	101	%	EPA 608	-88	-88	45	153	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	Endosulfan II	n/a	=	0.0754	µg/L	EPA 608	0.0019	0.01			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	Endosulfan II	n/a	=	0.0745	µg/L	EPA 608	0.0019	0.01			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	Endosulfan II	n/a	=	74	%	EPA 608	-88	-88	2	202	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	Endosulfan II	n/a	=	75	%	EPA 608	-88	-88	2	202	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	Endosulfan II	n/a	=	1	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Endosulfan II	n/a	=	0.0609	µg/L	EPA 608	0.0019	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Endosulfan II	n/a	=	61	%	EPA 608	-88	-88	2	202	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0812	µg/L	EPA 608	0.008	0.05			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0795	µg/L	EPA 608	0.008	0.05			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	Endosulfan sulfate	n/a	=	80	%	EPA 608	-88	-88	26	144	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	Endosulfan sulfate	n/a	=	81	%	EPA 608	-88	-88	26	144	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	Endosulfan sulfate	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0637	µg/L	EPA 608	0.008	0.05			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Endosulfan sulfate	n/a	=	64	%	EPA 608	-88	-88	26	144	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	Endrin	n/a	=	0.0885	µg/L	EPA 608	0.0028	0.01			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	Endrin	n/a	=	0.0872	µg/L	EPA 608	0.0028	0.01			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	Endrin	n/a	=	87	%	EPA 608	-88	-88	30	147	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	Endrin	n/a	=	88	%	EPA 608	-88	-88	30	147	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	Endrin	n/a	=	1	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Endrin	n/a	=	0.068	µg/L	EPA 608	0.0028	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Endrin	n/a	=	68	%	EPA 608	-88	-88	30	147	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	Endrin aldehyde	n/a	=	0.0632	µg/L	EPA 608	0.003	0.01			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	Endrin aldehyde	n/a	=	0.0573	µg/L	EPA 608	0.003	0.01			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	Endrin aldehyde	n/a	=	57	%	EPA 608	-88	-88	30	180	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	Endrin aldehyde	n/a	=	63	%	EPA 608	-88	-88	30	180	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	Endrin aldehyde	n/a	=	10	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Endrin aldehyde	n/a	=	0.0411	µg/L	EPA 608	0.003	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Endrin aldehyde	n/a	=	41	%	EPA 608	-88	-88	41	203	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	EPTC	n/a	=	5.02	µg/L	EPA 525.2	0.017	1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	EPTC	n/a	=	4.72	µg/L	EPA 525.2	0.017	1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	EPTC	n/a	=	4.99	µg/L	EPA 525.2	0.017	1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	EPTC	n/a	=	4.91	µg/L	EPA 525.2	0.017	1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	EPTC	n/a	=	98	%	EPA 525.2	-88	-88	75	110	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	75	110	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	75	110	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	EPTC	n/a	=	94	%	EPA 525.2	-88	-88	75	110	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	EPTC	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	EPTC	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Ethoprop	n/a	=	0.0871	µg/L	EPA 525.2	0.0067	0.01			EUM
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Ethoprop	n/a	=	174	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Ethoprop	n/a	=	0.0716	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Ethoprop	n/a	=	143	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Ethoprop	n/a	=	0.0813	µg/L	EPA 525.2	0.0067	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Ethoprop	n/a	=	0.0843	µg/L	EPA 525.2	0.0067	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Ethoprop	n/a	=	169	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Ethoprop	n/a	=	163	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Ethoprop	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Ethoprop	n/a	=	0.0895	µg/L	EPA 525.2	0.0067	0.01			GB
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Ethoprop	n/a	=	0.0916	µg/L	EPA 525.2	0.0067	0.01			GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Ethoprop	n/a	=	183	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Ethoprop	n/a	=	179	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Ethoprop	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Ethyl parathion	n/a	=	0.0885	µg/L	EPA 525.2	0.0054	0.01			EUM
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Ethyl parathion	n/a	=	177	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Ethyl parathion	n/a	=	0.131	µg/L	EPA 525.2	0.0054	0.01			EUM
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Ethyl parathion	n/a	=	261	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Ethyl parathion	n/a	=	0.187	µg/L	EPA 525.2	0.0054	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Ethyl parathion	n/a	=	0.2	µg/L	EPA 525.2	0.0054	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Ethyl parathion	n/a	=	400	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Ethyl parathion	n/a	=	374	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Ethyl parathion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Ethyl parathion	n/a	=	0.0914	µg/L	EPA 525.2	0.0054	0.01			GB
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Ethyl parathion	n/a	=	0.0915	µg/L	EPA 525.2	0.0054	0.01			GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Ethyl parathion	n/a	=	183	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Ethyl parathion	n/a	=	183	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Ethyl parathion	n/a	=	0.1	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Fensulfothion	n/a	=	0.109	µg/L	EPA 525.2	0.0029	0.01			EUM
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Fensulfothion	n/a	=	218	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Fensulfothion	n/a	=	0.0989	µg/L	EPA 525.2	0.0029	0.01			EUM
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Fensulfothion	n/a	=	198	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Fensulfothion	n/a	=	0.203	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Fensulfothion	n/a	=	0.225	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Fensulfothion	n/a	=	450	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Fensulfothion	n/a	=	406	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Fensulfothion	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Fensulfothion	n/a	=	0.125	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Fensulfothion	n/a	=	0.125	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Fensulfothion	n/a	=	250	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Fensulfothion	n/a	=	250	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Fensulfothion	n/a	=	0.2	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Fenthion	n/a	=	0.0662	µg/L	EPA 525.2	0.0038	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Fenthion	n/a	=	132	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Fenthion	n/a	=	0.0568	µg/L	EPA 525.2	0.0038	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Fenthion	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Fenthion	n/a	=	0.0704	µg/L	EPA 525.2	0.0038	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Fenthion	n/a	=	0.0704	µg/L	EPA 525.2	0.0038	0.01			
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Fenthion	n/a	=	141	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Fenthion	n/a	=	141	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Fenthion	n/a	=	0.03	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Fenthion	n/a	=	0.0688	µg/L	EPA 525.2	0.0038	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Fenthion	n/a	=	0.0646	µg/L	EPA 525.2	0.0038	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Fenthion	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Fenthion	n/a	=	138	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Fenthion	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0864	µg/L	EPA 608	0.0021	0.02			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.084	µg/L	EPA 608	0.0021	0.02			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	84	%	EPA 608	-88	-88	32	127	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608	-88	-88	32	127	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.072	µg/L	EPA 608	0.0021	0.02			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	72	%	EPA 608	-88	-88	32	127	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2011/12-2	Lab	method blank	2/2/2012	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2011/12-2	000NONPJ	matrix spike	1/23/2012	Pesticide	Glyphosate	n/a	=	28.5	µg/L	EPA 547	1.8	5			
2011/12-2	000NONPJ	matrix spike dup	1/23/2012	Pesticide	Glyphosate	n/a	=	27.2	µg/L	EPA 547	1.8	5			
2011/12-2	000NONPJ	matrix spike dup, rec	1/23/2012	Pesticide	Glyphosate	n/a	=	109	%	EPA 547	-88	-88	68	134	
2011/12-2	000NONPJ	matrix spike, rec	1/23/2012	Pesticide	Glyphosate	n/a	=	114	%	EPA 547	-88	-88	68	134	
2011/12-2	000NONPJ	matrix spike, RPD	1/23/2012	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2011/12-2	000NONPJ	lab duplicate	1/30/2012	Pesticide	Glyphosate	n/a	=	381	µg/L	EPA 547	36	100			D
2011/12-2	000NONPJ	lab duplicate, RPD	1/30/2012	Pesticide	Glyphosate	n/a	=	3	%	EPA 547	-88	-88		30	D
2011/12-2	000NONPJ	matrix spike	1/30/2012	Pesticide	Glyphosate	n/a	=	25.8	µg/L	EPA 547	1.8	5			
2011/12-2	000NONPJ	matrix spike dup	1/30/2012	Pesticide	Glyphosate	n/a	=	24.5	µg/L	EPA 547	1.8	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	000NONPJ	matrix spike dup, rec	1/30/2012	Pesticide	Glyphosate	n/a	=	98	%	EPA 547	-88	-88	68	134	
2011/12-2	000NONPJ	matrix spike, rec	1/30/2012	Pesticide	Glyphosate	n/a	=	103	%	EPA 547	-88	-88	68	134	
2011/12-2	000NONPJ	matrix spike, RPD	1/30/2012	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2011/12-2	Lab	LCS	1/23/2012	Pesticide	Glyphosate	n/a	=	24.1	µg/L	EPA 547	1.8	5			
2011/12-2	Lab	LCS, rec	1/23/2012	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	71	137	
2011/12-2	Lab	method blank	1/23/2012	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Glyphosate	n/a	=	23.9	µg/L	EPA 547	1.8	5			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Glyphosate	n/a	=	95	%	EPA 547	-88	-88	71	137	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2011/12-2	MO-HUE	matrix spike	1/23/2012	Pesticide	Glyphosate	n/a	=	30.7	µg/L	EPA 547	1.8	5			
2011/12-2	MO-HUE	matrix spike dup	1/23/2012	Pesticide	Glyphosate	n/a	=	29.7	µg/L	EPA 547	1.8	5			
2011/12-2	MO-HUE	matrix spike dup, rec	1/23/2012	Pesticide	Glyphosate	n/a	=	119	%	EPA 547	-88	-88	68	134	
2011/12-2	MO-HUE	matrix spike, rec	1/23/2012	Pesticide	Glyphosate	n/a	=	123	%	EPA 547	-88	-88	68	134	
2011/12-2	MO-HUE	matrix spike, RPD	1/23/2012	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	Heptachlor	n/a	=	0.0899	µg/L	EPA 608	0.0017	0.01			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	Heptachlor	n/a	=	0.0918	µg/L	EPA 608	0.0017	0.01			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	Heptachlor	n/a	=	89	%	EPA 608	-88	-88	34	111	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	Heptachlor	n/a	=	87	%	EPA 608	-88	-88	34	111	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	Heptachlor	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Heptachlor	n/a	=	0.0749	µg/L	EPA 608	0.0017	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Heptachlor	n/a	=	75	%	EPA 608	-88	-88	34	111	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2011/12-2	000NONPJ	matrix spike	2/3/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0829	µg/L	EPA 608	0.0019	0.01			
2011/12-2	000NONPJ	matrix spike dup	2/3/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0801	µg/L	EPA 608	0.0019	0.01			
2011/12-2	000NONPJ	matrix spike dup, rec	2/3/2012	Pesticide	Heptachlor epoxide	n/a	=	77	%	EPA 608	-88	-88	37	142	
2011/12-2	000NONPJ	matrix spike, rec	2/3/2012	Pesticide	Heptachlor epoxide	n/a	=	80	%	EPA 608	-88	-88	37	142	
2011/12-2	000NONPJ	matrix spike, RPD	2/3/2012	Pesticide	Heptachlor epoxide	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0687	µg/L	EPA 608	0.0019	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Heptachlor epoxide	n/a	=	69	%	EPA 608	-88	-88	37	142	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Malathion	n/a	=	0.0679	µg/L	EPA 525.2	0.0076	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Malathion	n/a	=	136	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Malathion	n/a	=	0.0743	µg/L	EPA 525.2	0.0076	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Malathion	n/a	=	149	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Malathion	n/a	=	0.122	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Malathion	n/a	=	0.132	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Malathion	n/a	=	209	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Malathion	n/a	=	191	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Malathion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Malathion	n/a	=	0.0656	µg/L	EPA 525.2	0.0076	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Malathion	n/a	=	0.0677	µg/L	EPA 525.2	0.0076	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Malathion	n/a	=	135	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Malathion	n/a	=	131	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Malathion	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Merphos	n/a	=	0.0414	µg/L	EPA 525.2	0.0058	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	
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Merphos	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Merphos	n/a	=	0.0737	µg/L	EPA 525.2	0.0058	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Merphos	n/a	=	147	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Merphos	n/a	=	0.0622	µg/L	EPA 525.2	0.0058	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Merphos	n/a	=	0.0695	µg/L	EPA 525.2	0.0058	0.01			
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Merphos	n/a	=	139	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Merphos	n/a	=	124	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Merphos	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Merphos	n/a	=	0.0599	µg/L	EPA 525.2	0.0058	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Merphos	n/a	=	0.058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Merphos	n/a	=	116	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Merphos	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Merphos	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Methyl parathion	n/a	=	0.107	µg/L	EPA 525.2	0.0063	0.01			EUM
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Methyl parathion	n/a	=	214	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Methyl parathion	n/a	=	0.103	µg/L	EPA 525.2	0.0063	0.01			EUM
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Methyl parathion	n/a	=	205	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Methyl parathion	n/a	=	0.215	µg/L	EPA 525.2	0.0063	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Methyl parathion	n/a	=	0.234	µg/L	EPA 525.2	0.0063	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Methyl parathion	n/a	=	467	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Methyl parathion	n/a	=	429	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Methyl parathion	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Methyl parathion	n/a	=	0.108	µg/L	EPA 525.2	0.0063	0.01			GB
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Methyl parathion	n/a	=	0.11	µg/L	EPA 525.2	0.0063	0.01			GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Methyl parathion	n/a	=	220	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Methyl parathion	n/a	=	217	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Methyl parathion	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Metolachlor	n/a	=	4.41	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Metolachlor	n/a	=	5.63	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Metolachlor	n/a	=	4.18	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Metolachlor	n/a	=	5.09	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Metolachlor	n/a	=	102	%	EPA 525.2	-88	-88	55	170	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Metolachlor	n/a	=	84	%	EPA 525.2	-88	-88	55	170	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Metolachlor	n/a	=	88	%	EPA 525.2	-88	-88	55	170	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Metolachlor	n/a	=	113	%	EPA 525.2	-88	-88	55	170	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Metolachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Metolachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Metribuzin	n/a	=	4.5	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Metribuzin	n/a	=	5.36	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Metribuzin	n/a	=	4.79	µg/L	EPA 525.2	0.015	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	
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Metribuzin	n/a	=	4.37	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Metribuzin	n/a	=	96	%	EPA 525.2	-88	-88	44	149	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Metribuzin	n/a	=	87	%	EPA 525.2	-88	-88	44	149	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Metribuzin	n/a	=	107	%	EPA 525.2	-88	-88	44	149	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Metribuzin	n/a	=	90	%	EPA 525.2	-88	-88	44	149	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Metribuzin	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Metribuzin	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Mevinphos	n/a	=	0.0733	µg/L	EPA 525.2	0.0042	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Mevinphos	n/a	=	147	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Mevinphos	n/a	=	0.0821	µg/L	EPA 525.2	0.0042	0.01			EUM
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Mevinphos	n/a	=	164	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Mevinphos	n/a	=	0.123	µg/L	EPA 525.2	0.0042	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Mevinphos	n/a	=	0.132	µg/L	EPA 525.2	0.0042	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Mevinphos	n/a	=	263	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Mevinphos	n/a	=	246	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Mevinphos	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Mevinphos	n/a	=	0.0742	µg/L	EPA 525.2	0.0042	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Mevinphos	n/a	=	0.0878	µg/L	EPA 525.2	0.0042	0.01			GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Mevinphos	n/a	=	176	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Mevinphos	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Mevinphos	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Molinate	n/a	=	4.63	µg/L	EPA 525.2	0.039	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Molinate	n/a	=	4.73	µg/L	EPA 525.2	0.039	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Molinate	n/a	=	4.75	µg/L	EPA 525.2	0.039	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Molinate	n/a	=	4.72	µg/L	EPA 525.2	0.039	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Molinate	n/a	=	94	%	EPA 525.2	-88	-88	76	116	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Molinate	n/a	=	95	%	EPA 525.2	-88	-88	76	116	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Molinate	n/a	=	93	%	EPA 525.2	-88	-88	76	116	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Molinate	n/a	=	95	%	EPA 525.2	-88	-88	76	116	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Molinate	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Naled	n/a	=	0.0704	µg/L	EPA 525.2	0.0076	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Naled	n/a	=	141	%	EPA 525.2	-88	-88	5	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Naled	n/a	=	0.0757	µg/L	EPA 525.2	0.0076	0.01			EUM
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Naled	n/a	=	151	%	EPA 525.2	-88	-88	5	150	EUM
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Naled	n/a	=	0.251	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Naled	n/a	=	0.326	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Naled	n/a	=	652	%	EPA 525.2	-88	-88	5	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Naled	n/a	=	502	%	EPA 525.2	-88	-88	5	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	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Naled	n/a	=	26	%	EPA 525.2	-88	-88	0	25	IL
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Naled	n/a	=	0.55	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Naled	n/a	=	0.487	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Naled	n/a	=	973	%	EPA 525.2	-88	-88	5	150	GB
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Naled	n/a	=	1100	%	EPA 525.2	-88	-88	5	150	GB
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Naled	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	6.81	µg/L	EPA 515.3	0.04	0.2			
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	6.75	µg/L	EPA 515.3	0.04	0.2			
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	3.68	µg/L	EPA 515.3	0.04	0.2			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	2.95	µg/L	EPA 515.3	0.04	0.2			
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	2.98	µg/L	EPA 515.3	0.04	0.2			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Phorate	n/a	=	0.0727	µg/L	EPA 525.2	0.003	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Phorate	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Phorate	n/a	=	0.0513	µg/L	EPA 525.2	0.003	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Phorate	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Phorate	n/a	=	0.0701	µg/L	EPA 525.2	0.003	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Phorate	n/a	=	0.07	µg/L	EPA 525.2	0.003	0.01			
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Phorate	n/a	=	140	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Phorate	n/a	=	140	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Phorate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Phorate	n/a	=	0.0746	µg/L	EPA 525.2	0.003	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Phorate	n/a	=	0.0731	µg/L	EPA 525.2	0.003	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Phorate	n/a	=	146	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Phorate	n/a	=	149	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Phorate	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-2	RC pipe at MPK -	matrix spike	2/1/2012	Pesticide	Picloram	n/a	=	2.72	µg/L	EPA 515.3	0.05	0.6			GB
2011/12-2	RC pipe at MPK -	matrix spike dup	2/1/2012	Pesticide	Picloram	n/a	=	2.6	µg/L	EPA 515.3	0.05	0.6			GB
2011/12-2	RC pipe at MPK -	matrix spike dup, rec	2/1/2012	Pesticide	Picloram	n/a	=	65	%	EPA 515.3	-88	-88	70	130	GB
2011/12-2	RC pipe at MPK -	matrix spike, rec	2/1/2012	Pesticide	Picloram	n/a	=	68	%	EPA 515.3	-88	-88	70	130	GB
2011/12-2	RC pipe at MPK -	matrix spike, RPD	2/1/2012	Pesticide	Picloram	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	2/1/2012	Pesticide	Picloram	n/a	=	3.57	µg/L	EPA 515.3	0.05	0.6			
2011/12-2	Lab	LCS, rec	2/1/2012	Pesticide	Picloram	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-2	Lab	method blank	2/1/2012	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2011/12-2	ME-CC	matrix spike	2/1/2012	Pesticide	Picloram	n/a	=	2.77	µg/L	EPA 515.3	0.05	0.6			GB
2011/12-2	ME-CC	matrix spike dup	2/1/2012	Pesticide	Picloram	n/a	=	2.78	µg/L	EPA 515.3	0.05	0.6			
2011/12-2	ME-CC	matrix spike dup, rec	2/1/2012	Pesticide	Picloram	n/a	=	70	%	EPA 515.3	-88	-88	70	130	
2011/12-2	ME-CC	matrix spike, rec	2/1/2012	Pesticide	Picloram	n/a	=	69	%	EPA 515.3	-88	-88	70	130	GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	ME-CC	matrix spike, RPD	2/1/2012	Pesticide	Picloram	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Prometon	n/a	=	3.84	µg/L	EPA 525.2	0.024	0.2			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Prometon	n/a	=	4.53	µg/L	EPA 525.2	0.024	0.2			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Prometon	n/a	=	3.1	µg/L	EPA 525.2	0.024	0.2			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Prometon	n/a	=	4.34	µg/L	EPA 525.2	0.024	0.2			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Prometon	n/a	=	62	%	EPA 525.2	-88	-88	6	110	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Prometon	n/a	=	87	%	EPA 525.2	-88	-88	6	110	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Prometon	n/a	=	77	%	EPA 525.2	-88	-88	6	110	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Prometon	n/a	=	91	%	EPA 525.2	-88	-88	6	110	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Prometon	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Prometon	n/a	=	21	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Prometryn	n/a	=	5.65	µg/L	EPA 525.2	0.036	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Prometryn	n/a	=	4.72	µg/L	EPA 525.2	0.036	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Prometryn	n/a	=	5.05	µg/L	EPA 525.2	0.036	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Prometryn	n/a	=	4.33	µg/L	EPA 525.2	0.036	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Prometryn	n/a	=	101	%	EPA 525.2	-88	-88	34	152	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Prometryn	n/a	=	87	%	EPA 525.2	-88	-88	34	152	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Prometryn	n/a	=	94	%	EPA 525.2	-88	-88	34	152	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Prometryn	n/a	=	113	%	EPA 525.2	-88	-88	34	152	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Prometryn	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Prometryn	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0594	µg/L	EPA 525.2	0.0041	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0545	µg/L	EPA 525.2	0.0041	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	109	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.07	µg/L	EPA 525.2	0.0041	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0697	µg/L	EPA 525.2	0.0041	0.01			
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	139	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	140	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.4	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0636	µg/L	EPA 525.2	0.0041	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0584	µg/L	EPA 525.2	0.0041	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Simazine	n/a	=	4.12	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Simazine	n/a	=	5.4	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Simazine	n/a	=	4.73	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Simazine	n/a	=	3.88	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Simazine	n/a	=	95	%	EPA 525.2	-88	-88	54	156	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Simazine	n/a	=	78	%	EPA 525.2	-88	-88	54	156	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Simazine	n/a	=	108	%	EPA 525.2	-88	-88	54	156	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Simazine	n/a	=	82	%	EPA 525.2	-88	-88	54	156	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Simazine	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Simazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0598	µg/L	EPA 525.2	0.0031	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.0098	µg/L	EPA 525.2	0.0031	0.01			EUM
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	20	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.112	µg/L	EPA 525.2	0.0031	0.01			GB
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.132	µg/L	EPA 525.2	0.0031	0.01			GB
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	264	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	224	%	EPA 525.2	-88	-88	50	150	GB
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0593	µg/L	EPA 525.2	0.0031	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0617	µg/L	EPA 525.2	0.0031	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	123	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Terbacil	n/a	=	4.7	µg/L	EPA 525.2	0.55	2			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Terbacil	n/a	=	5.17	µg/L	EPA 525.2	0.55	2			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Terbacil	n/a	=	4.54	µg/L	EPA 525.2	0.55	2			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Terbacil	n/a	=	5.52	µg/L	EPA 525.2	0.55	2			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Terbacil	n/a	=	91	%	EPA 525.2	-88	-88	66	140	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Terbacil	n/a	=	110	%	EPA 525.2	-88	-88	66	140	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Terbacil	n/a	=	103	%	EPA 525.2	-88	-88	66	140	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Terbacil	n/a	=	94	%	EPA 525.2	-88	-88	66	140	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Terbacil	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Thiobencarb	n/a	=	4.36	µg/L	EPA 525.2	0.025	0.2			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Thiobencarb	n/a	=	5.43	µg/L	EPA 525.2	0.025	0.2			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Thiobencarb	n/a	=	4.14	µg/L	EPA 525.2	0.025	0.2			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Thiobencarb	n/a	=	4.92	µg/L	EPA 525.2	0.025	0.2			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Thiobencarb	n/a	=	98	%	EPA 525.2	-88	-88	57	162	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Thiobencarb	n/a	=	83	%	EPA 525.2	-88	-88	57	162	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Thiobencarb	n/a	=	87	%	EPA 525.2	-88	-88	57	162	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Thiobencarb	n/a	=	109	%	EPA 525.2	-88	-88	57	162	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Thiobencarb	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Thiobencarb	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Tokuthion	n/a	=	0.0495	µg/L	EPA 525.2	0.0078	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Tokuthion	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Tokuthion	n/a	=	0.0608	µg/L	EPA 525.2	0.0078	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Tokuthion	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Tokuthion	n/a	=	0.0639	µg/L	EPA 525.2	0.0078	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Tokuthion	n/a	=	0.0594	µg/L	EPA 525.2	0.0078	0.01			
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Tokuthion	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Tokuthion	n/a	=	128	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Tokuthion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Tokuthion	n/a	=	0.0602	µg/L	EPA 525.2	0.0078	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Tokuthion	n/a	=	0.0485	µg/L	EPA 525.2	0.0078	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Tokuthion	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Tokuthion	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Tokuthion	n/a	=	22	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2011/12-2	Lab	LCS	1/30/2012	Pesticide	Trichloronate	n/a	=	0.0516	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	Lab	LCS, rec	1/30/2012	Pesticide	Trichloronate	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	1/30/2012	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	Lab	LCS	2/2/2012	Pesticide	Trichloronate	n/a	=	0.058	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	Lab	LCS, rec	2/2/2012	Pesticide	Trichloronate	n/a	=	116	%	EPA 525.2	-88	-88	50	150	
2011/12-2	Lab	method blank	2/2/2012	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	MO-HUE	matrix spike	2/2/2012	Pesticide	Trichloronate	n/a	=	0.059	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	MO-HUE	matrix spike dup	2/2/2012	Pesticide	Trichloronate	n/a	=	0.0565	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	MO-HUE	matrix spike dup, rec	2/2/2012	Pesticide	Trichloronate	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, rec	2/2/2012	Pesticide	Trichloronate	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-HUE	matrix spike, RPD	2/2/2012	Pesticide	Trichloronate	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-2	MO-OJA	matrix spike	1/30/2012	Pesticide	Trichloronate	n/a	=	0.0588	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	MO-OJA	matrix spike dup	1/30/2012	Pesticide	Trichloronate	n/a	=	0.0513	µg/L	EPA 525.2	0.0067	0.01			
2011/12-2	MO-OJA	matrix spike dup, rec	1/30/2012	Pesticide	Trichloronate	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, rec	1/30/2012	Pesticide	Trichloronate	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2011/12-2	MO-OJA	matrix spike, RPD	1/30/2012	Pesticide	Trichloronate	n/a	=	14	%	EPA 525.2	-88	-88	0	25	
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Trithion	n/a	=	4.92	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	LCS	1/31/2012	Pesticide	Trithion	n/a	=	4.67	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Trithion	n/a	=	4.47	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	LCS dup	1/31/2012	Pesticide	Trithion	n/a	=	4.65	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Trithion	n/a	=	93	%	EPA 525.2	-88	-88	62	149	
2011/12-2	Lab	LCS dup, rec	1/31/2012	Pesticide	Trithion	n/a	=	89	%	EPA 525.2	-88	-88	62	149	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Trithion	n/a	=	98	%	EPA 525.2	-88	-88	62	149	
2011/12-2	Lab	LCS, rec	1/31/2012	Pesticide	Trithion	n/a	=	93	%	EPA 525.2	-88	-88	62	149	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Trithion	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	LCS, RPD	1/31/2012	Pesticide	Trithion	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-2	Lab	method blank	1/31/2012	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-3	000NONPJ	matrix spike	3/21/2012	Anion	Chloride	n/a	=	64.2	mg/L	EPA 300.0	1	5			D
2011/12-3	000NONPJ	matrix spike dup	3/21/2012	Anion	Chloride	n/a	=	63.5	mg/L	EPA 300.0	1	5			D
2011/12-3	000NONPJ	matrix spike dup, rec	3/21/2012	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	72	118	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	
2011/12-3	000NONPJ	matrix spike, rec	3/21/2012	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	72	118	D
2011/12-3	000NONPJ	matrix spike, RPD	3/21/2012	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	D
2011/12-3	Lab	LCS	3/21/2012	Anion	Chloride	n/a	=	3.88	mg/L	EPA 300.0	0.1	0.5			
2011/12-3	Lab	LCS, rec	3/21/2012	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2011/12-3	Lab	method blank	3/21/2012	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2011/12-3	MO-CAM	matrix spike	3/21/2012	Anion	Chloride	n/a	=	13.4	mg/L	EPA 300.0	0.1	0.5			
2011/12-3	MO-CAM	matrix spike dup	3/21/2012	Anion	Chloride	n/a	=	13.2	mg/L	EPA 300.0	0.1	0.5			
2011/12-3	MO-CAM	matrix spike dup, rec	3/21/2012	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	72	118	
2011/12-3	MO-CAM	matrix spike, rec	3/21/2012	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	72	118	
2011/12-3	MO-CAM	matrix spike, RPD	3/21/2012	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2011/12-3	000NONPJ	matrix spike	3/21/2012	Anion	Fluoride	n/a	=	20.1	mg/L	EPA 300.0	0.2	1			D
2011/12-3	000NONPJ	matrix spike dup	3/21/2012	Anion	Fluoride	n/a	=	19.7	mg/L	EPA 300.0	0.2	1			D
2011/12-3	000NONPJ	matrix spike dup, rec	3/21/2012	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	79	109	D
2011/12-3	000NONPJ	matrix spike, rec	3/21/2012	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	79	109	D
2011/12-3	000NONPJ	matrix spike, RPD	3/21/2012	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	D
2011/12-3	Lab	LCS	3/21/2012	Anion	Fluoride	n/a	=	2.08	mg/L	EPA 300.0	0.02	0.1			
2011/12-3	Lab	LCS, rec	3/21/2012	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2011/12-3	Lab	method blank	3/21/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2011/12-3	MO-CAM	matrix spike	3/21/2012	Anion	Fluoride	n/a	=	2.14	mg/L	EPA 300.0	0.02	0.1			
2011/12-3	MO-CAM	matrix spike dup	3/21/2012	Anion	Fluoride	n/a	=	2.1	mg/L	EPA 300.0	0.02	0.1			
2011/12-3	MO-CAM	matrix spike dup, rec	3/21/2012	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	79	109	
2011/12-3	MO-CAM	matrix spike, rec	3/21/2012	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	79	109	
2011/12-3	MO-CAM	matrix spike, RPD	3/21/2012	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2011/12-3	000NONPJ	matrix spike	3/23/2012	Anion	Perchlorate	n/a	=	11.7	µg/L	EPA 314.0	0.95	2			
2011/12-3	000NONPJ	matrix spike dup	3/23/2012	Anion	Perchlorate	n/a	=	11.9	µg/L	EPA 314.0	0.95	2			
2011/12-3	000NONPJ	matrix spike dup, rec	3/23/2012	Anion	Perchlorate	n/a	=	103	%	EPA 314.0	-88	-88	80	120	
2011/12-3	000NONPJ	matrix spike, rec	3/23/2012	Anion	Perchlorate	n/a	=	101	%	EPA 314.0	-88	-88	80	120	
2011/12-3	000NONPJ	matrix spike, RPD	3/23/2012	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2011/12-3	000NONPJ	matrix spike	3/27/2012	Anion	Perchlorate	n/a	=	15.7	µg/L	EPA 314.0	0.95	2			
2011/12-3	000NONPJ	matrix spike dup	3/27/2012	Anion	Perchlorate	n/a	=	16.8	µg/L	EPA 314.0	0.95	2			
2011/12-3	000NONPJ	matrix spike dup, rec	3/27/2012	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	
2011/12-3	000NONPJ	matrix spike, rec	3/27/2012	Anion	Perchlorate	n/a	=	84	%	EPA 314.0	-88	-88	80	120	
2011/12-3	000NONPJ	matrix spike, RPD	3/27/2012	Anion	Perchlorate	n/a	=	7	%	EPA 314.0	-88	-88	0	15	
2011/12-3	Lab	LCS	3/23/2012	Anion	Perchlorate	n/a	=	9.63	µg/L	EPA 314.0	0.95	2			
2011/12-3	Lab	LCS, rec	3/23/2012	Anion	Perchlorate	n/a	=	96	%	EPA 314.0	-88	-88	85	115	
2011/12-3	Lab	method blank	3/23/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-3	Lab	LCS	3/27/2012	Anion	Perchlorate	n/a	=	8.99	µg/L	EPA 314.0	0.95	2			
2011/12-3	Lab	LCS, rec	3/27/2012	Anion	Perchlorate	n/a	=	90	%	EPA 314.0	-88	-88	85	115	
2011/12-3	Lab	method blank	3/27/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-3	MO-MEI	field blank	3/18/2012	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2011/12-3	MO-MEI	field blank	3/19/2012	Bacteriological	Fecal Coliform	n/a	<	2	MPN/100 mL	SM 9221 E	2	2	-88	2	
2011/12-3	MO-MEI	field blank	3/18/2012	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2011/12-3	Lab	LCS	3/26/2012	Cation	Calcium	Total	=	48.1	mg/L	EPA 200.7	0.016	0.1			
2011/12-3	Lab	LCS, rec	3/26/2012	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2011/12-3	Lab	method blank	3/26/2012	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2011/12-3	Lab	LCS	3/27/2012	Cation	Calcium	Total	=	48.8	mg/L	EPA 200.7	0.016	0.1			
2011/12-3	Lab	LCS, rec	3/27/2012	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	method blank	3/27/2012	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2011/12-3	MO-FIL	matrix spike	3/26/2012	Cation	Calcium	Total	=	127	mg/L	EPA 200.7	0.016	0.1			
2011/12-3	MO-FIL	matrix spike dup	3/26/2012	Cation	Calcium	Total	=	129	mg/L	EPA 200.7	0.016	0.1			
2011/12-3	MO-FIL	matrix spike dup, rec	3/26/2012	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-FIL	matrix spike, rec	3/26/2012	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-FIL	matrix spike, RPD	3/26/2012	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2011/12-3	MO-MPK	matrix spike	3/27/2012	Cation	Calcium	Total	=	73.3	mg/L	EPA 200.7	0.016	0.1			
2011/12-3	MO-MPK	matrix spike dup	3/27/2012	Cation	Calcium	Total	=	71.6	mg/L	EPA 200.7	0.016	0.1			
2011/12-3	MO-MPK	matrix spike dup, rec	3/27/2012	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-MPK	matrix spike, rec	3/27/2012	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-MPK	matrix spike, RPD	3/27/2012	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2011/12-3	MO-SIM	matrix spike	3/26/2012	Cation	Calcium	Total	=	197	mg/L	EPA 200.7	0.016	0.1			
2011/12-3	MO-SIM	matrix spike dup	3/26/2012	Cation	Calcium	Total	=	204	mg/L	EPA 200.7	0.016	0.1			
2011/12-3	MO-SIM	matrix spike dup, rec	3/26/2012	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-SIM	matrix spike, rec	3/26/2012	Cation	Calcium	Total	=	85	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-SIM	matrix spike, RPD	3/26/2012	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2011/12-3	Lab	LCS	3/26/2012	Cation	Magnesium	Total	=	47.4	mg/L	EPA 200.7	0.012	0.1			
2011/12-3	Lab	LCS, rec	3/26/2012	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2011/12-3	Lab	method blank	3/26/2012	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011/12-3	Lab	LCS	3/27/2012	Cation	Magnesium	Total	=	48.4	mg/L	EPA 200.7	0.012	0.1			
2011/12-3	Lab	LCS, rec	3/27/2012	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2011/12-3	Lab	method blank	3/27/2012	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011/12-3	MO-FIL	matrix spike	3/26/2012	Cation	Magnesium	Total	=	104	mg/L	EPA 200.7	0.012	0.1			
2011/12-3	MO-FIL	matrix spike dup	3/26/2012	Cation	Magnesium	Total	=	104	mg/L	EPA 200.7	0.012	0.1			
2011/12-3	MO-FIL	matrix spike dup, rec	3/26/2012	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-FIL	matrix spike, rec	3/26/2012	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-FIL	matrix spike, RPD	3/26/2012	Cation	Magnesium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2011/12-3	MO-MPK	matrix spike	3/27/2012	Cation	Magnesium	Total	=	54.9	mg/L	EPA 200.7	0.012	0.1			
2011/12-3	MO-MPK	matrix spike dup	3/27/2012	Cation	Magnesium	Total	=	54.8	mg/L	EPA 200.7	0.012	0.1			
2011/12-3	MO-MPK	matrix spike dup, rec	3/27/2012	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-MPK	matrix spike, rec	3/27/2012	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-MPK	matrix spike, RPD	3/27/2012	Cation	Magnesium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2011/12-3	MO-SIM	matrix spike	3/26/2012	Cation	Magnesium	Total	=	130	mg/L	EPA 200.7	0.012	0.1			
2011/12-3	MO-SIM	matrix spike dup	3/26/2012	Cation	Magnesium	Total	=	133	mg/L	EPA 200.7	0.012	0.1			
2011/12-3	MO-SIM	matrix spike dup, rec	3/26/2012	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-SIM	matrix spike, rec	3/26/2012	Cation	Magnesium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-SIM	matrix spike, RPD	3/26/2012	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2011/12-3	000NONPJ	lab duplicate	3/27/2012	Conventional	Alkalinity as CaCO3	n/a	=	9.83	mg/L	SM 2320 B	0.56	2		15	
2011/12-3	Lab	LCS	3/27/2012	Conventional	Alkalinity as CaCO3	n/a	=	242	mg/L	SM 2320 B	0.56	2			
2011/12-3	Lab	LCS, rec	3/27/2012	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	94	108	
2011/12-3	Lab	method blank	3/27/2012	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	2			
2011/12-3	Lab	LCS	3/24/2012	Conventional	BOD	n/a	=	178	mg/L	SM 5210 B	0.1	2			
2011/12-3	Lab	LCS, rec	3/24/2012	Conventional	BOD	n/a	=	90	%	SM 5210 B	-88	-88	85	115	
2011/12-3	000NONPJ	lab duplicate	3/23/2012	Conventional	COD	n/a	=	606	mg/L	EPA 410.4	1.5	10			D
2011/12-3	000NONPJ	matrix spike	3/23/2012	Conventional	COD	n/a	=	260	mg/L	EPA 410.4	1.5	10			D
2011/12-3	000NONPJ	matrix spike dup	3/23/2012	Conventional	COD	n/a	=	257	mg/L	EPA 410.4	1.5	10			D
2011/12-3	000NONPJ	matrix spike dup, rec	3/23/2012	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	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	
2011/12-3	000NONPJ	matrix spike, rec	3/23/2012	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	D
2011/12-3	000NONPJ	matrix spike, RPD	3/23/2012	Conventional	COD	n/a	=	0.9	%	EPA 410.4	-88	-88	0	15	D
2011/12-3	Lab	LCS	3/23/2012	Conventional	COD	n/a	=	101	mg/L	EPA 410.4	0.73	5			
2011/12-3	Lab	LCS, rec	3/23/2012	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2011/12-3	Lab	method blank	3/23/2012	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2011/12-3	MO-FIL	matrix spike	3/23/2012	Conventional	COD	n/a	=	235	mg/L	EPA 410.4	1.5	10			D
2011/12-3	MO-FIL	matrix spike dup	3/23/2012	Conventional	COD	n/a	=	233	mg/L	EPA 410.4	1.5	10			D
2011/12-3	MO-FIL	matrix spike dup, rec	3/23/2012	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	D
2011/12-3	MO-FIL	matrix spike, rec	3/23/2012	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	D
2011/12-3	MO-FIL	matrix spike, RPD	3/23/2012	Conventional	COD	n/a	=	0.8	%	EPA 410.4	-88	-88	0	15	D
2011/12-3	Lab	LCS	4/5/2012	Conventional	Cyanide	Total	=	0.0516	mg/L	EPA 335.4	0.0027	0.005			
2011/12-3	Lab	LCS	4/5/2012	Conventional	Cyanide	Total	=	0.0539	mg/L	EPA 335.4	0.0027	0.005			
2011/12-3	Lab	LCS, rec	4/5/2012	Conventional	Cyanide	Total	=	100	%	EPA 335.4	-88	-88	90	110	
2011/12-3	Lab	LCS, rec	4/5/2012	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	
2011/12-3	Lab	method blank	4/5/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-3	Lab	method blank	4/5/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-3	ME-CC	matrix spike	4/5/2012	Conventional	Cyanide	Total	=	0.438	mg/L	EPA 335.4	0.0055	0.01			GB
2011/12-3	ME-CC	matrix spike dup	4/5/2012	Conventional	Cyanide	Total	=	0.378	mg/L	EPA 335.4	0.0055	0.01			GB
2011/12-3	ME-CC	matrix spike dup, rec	4/5/2012	Conventional	Cyanide	Total	=	70	%	EPA 335.4	-88	-88	90	110	GB
2011/12-3	ME-CC	matrix spike, rec	4/5/2012	Conventional	Cyanide	Total	=	81	%	EPA 335.4	-88	-88	90	110	GB
2011/12-3	ME-CC	matrix spike, RPD	4/5/2012	Conventional	Cyanide	Total	=	15	%	EPA 335.4	-88	-88	0	20	
2011/12-3	ME-SCR	matrix spike	4/5/2012	Conventional	Cyanide	Total	=	0.468	mg/L	EPA 335.4	0.0055	0.01			GB
2011/12-3	ME-SCR	matrix spike dup	4/5/2012	Conventional	Cyanide	Total	=	0.444	mg/L	EPA 335.4	0.0055	0.01			GB
2011/12-3	ME-SCR	matrix spike dup, rec	4/5/2012	Conventional	Cyanide	Total	=	82	%	EPA 335.4	-88	-88	90	110	GB
2011/12-3	ME-SCR	matrix spike, rec	4/5/2012	Conventional	Cyanide	Total	=	87	%	EPA 335.4	-88	-88	90	110	GB
2011/12-3	ME-SCR	matrix spike, RPD	4/5/2012	Conventional	Cyanide	Total	=	5	%	EPA 335.4	-88	-88	0	20	
2011/12-3	MO-FIL	matrix spike	4/5/2012	Conventional	Cyanide	Total	=	0.434	mg/L	EPA 335.4	0.0055	0.01			GB
2011/12-3	MO-FIL	matrix spike dup	4/5/2012	Conventional	Cyanide	Total	=	0.44	mg/L	EPA 335.4	0.0055	0.01			GB
2011/12-3	MO-FIL	matrix spike dup, rec	4/5/2012	Conventional	Cyanide	Total	=	82	%	EPA 335.4	-88	-88	90	110	GB
2011/12-3	MO-FIL	matrix spike, rec	4/5/2012	Conventional	Cyanide	Total	=	81	%	EPA 335.4	-88	-88	90	110	GB
2011/12-3	MO-FIL	matrix spike, RPD	4/5/2012	Conventional	Cyanide	Total	=	1	%	EPA 335.4	-88	-88	0	20	
2011/12-3	MO-MEI	field blank	4/5/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-3	MO-MEI	matrix spike	4/5/2012	Conventional	Cyanide	Total	=	0.384	mg/L	EPA 335.4	0.0055	0.01			R
2011/12-3	MO-MEI	matrix spike dup	4/5/2012	Conventional	Cyanide	Total	=	0.384	mg/L	EPA 335.4	0.0055	0.01			R
2011/12-3	MO-MEI	matrix spike dup, rec	4/5/2012	Conventional	Cyanide	Total	=	71	%	EPA 335.4	-88	-88	90	110	R
2011/12-3	MO-MEI	matrix spike, rec	4/5/2012	Conventional	Cyanide	Total	=	71	%	EPA 335.4	-88	-88	90	110	R
2011/12-3	MO-MEI	matrix spike, RPD	4/5/2012	Conventional	Cyanide	Total	=	0	%	EPA 335.4	-88	-88	0	20	R
2011/12-3	Lab	LCS	3/19/2012	Conventional	MBAS	n/a	=	0.206	mg/L	SM 5540 C	0.019	0.05			
2011/12-3	Lab	LCS, rec	3/19/2012	Conventional	MBAS	n/a	=	103	%	SM 5540 C	-88	-88	79	113	
2011/12-3	Lab	method blank	3/19/2012	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2011/12-3	ME-VR2	matrix spike	3/19/2012	Conventional	MBAS	n/a	=	0.252	mg/L	SM 5540 C	0.019	0.05			
2011/12-3	ME-VR2	matrix spike dup	3/19/2012	Conventional	MBAS	n/a	=	0.26	mg/L	SM 5540 C	0.019	0.05			
2011/12-3	ME-VR2	matrix spike dup, rec	3/19/2012	Conventional	MBAS	n/a	=	113	%	SM 5540 C	-88	-88	77	118	
2011/12-3	ME-VR2	matrix spike, rec	3/19/2012	Conventional	MBAS	n/a	=	109	%	SM 5540 C	-88	-88	77	118	
2011/12-3	ME-VR2	matrix spike, RPD	3/19/2012	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	
2011/12-3	000NONPJ	lab duplicate	3/18/2012	Conventional	pH	n/a	=	7.64	pH Units	SM 4500-H+ B	0.1	0.1		3.24	
2011/12-3	Lab	CRM	3/18/2012	Conventional	pH	n/a	=	6.84	pH Units	SM 4500-H+ B	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	
2011/12-3	Lab	CRM, rec	3/18/2012	Conventional	pH	n/a	=	100	%	SM 4500-H+ B	-88	-88	96.7	102	
2011/12-3	Lab	LCS	3/29/2012	Conventional	Phenolics	n/a	=	0.101	mg/L	EPA 420.4	0.0042	0.01			
2011/12-3	Lab	LCS, rec	3/29/2012	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2011/12-3	Lab	method blank	3/29/2012	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2011/12-3	ME-CC	matrix spike	3/29/2012	Conventional	Phenolics	n/a	=	0.257	mg/L	EPA 420.4	0.0042	0.01			
2011/12-3	ME-CC	matrix spike dup	3/29/2012	Conventional	Phenolics	n/a	=	0.258	mg/L	EPA 420.4	0.0042	0.01			
2011/12-3	ME-CC	matrix spike dup, rec	3/29/2012	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2011/12-3	ME-CC	matrix spike, rec	3/29/2012	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2011/12-3	ME-CC	matrix spike, RPD	3/29/2012	Conventional	Phenolics	n/a	=	0.4	%	EPA 420.4	-88	-88	0	20	
2011/12-3	ME-VR2	matrix spike	3/29/2012	Conventional	Phenolics	n/a	=	0.219	mg/L	EPA 420.4	0.0042	0.01			
2011/12-3	ME-VR2	matrix spike dup	3/29/2012	Conventional	Phenolics	n/a	=	0.224	mg/L	EPA 420.4	0.0042	0.01			
2011/12-3	ME-VR2	matrix spike dup, rec	3/29/2012	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2011/12-3	ME-VR2	matrix spike, rec	3/29/2012	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2011/12-3	ME-VR2	matrix spike, RPD	3/29/2012	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2011/12-3	000NONPJ	lab duplicate	3/20/2012	Conventional	Specific Conductance	n/a	=	1780	µmhos/cm	SM 2510 B	0.47	4		4.28	D
2011/12-3	Lab	LCS	3/20/2012	Conventional	Specific Conductance	n/a	=	195	µmhos/cm	SM 2510 B	0.23	2			
2011/12-3	Lab	LCS, rec	3/20/2012	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2011/12-3	Lab	method blank	3/20/2012	Conventional	Specific Conductance	n/a	DNQ	0.44	µmhos/cm	SM 2510 B	0.23	2			IP
2011/12-3	000NONPJ	lab duplicate	3/19/2012	Conventional	Total Chlorine Residual	n/a	DNQ	0.073	mg/L	SM 4500-Cl G	0.015	0.5			D
2011/12-3	Lab	LCS	3/19/2012	Conventional	Total Chlorine Residual	n/a	=	0.174	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-3	Lab	LCS dup	3/19/2012	Conventional	Total Chlorine Residual	n/a	=	0.185	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-3	Lab	LCS dup, rec	3/19/2012	Conventional	Total Chlorine Residual	n/a	=	93	%	SM 4500-Cl G	-88	-88			
2011/12-3	Lab	LCS, rec	3/19/2012	Conventional	Total Chlorine Residual	n/a	=	87	%	SM 4500-Cl G	-88	-88	82	112	
2011/12-3	Lab	LCS, RPD	3/19/2012	Conventional	Total Chlorine Residual	n/a	=	7	%	SM 4500-Cl G	-88	-88	0		
2011/12-3	Lab	method blank	3/19/2012	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-3	ME-CC	matrix spike	3/19/2012	Conventional	Total Chlorine Residual	n/a	=	1.34	mg/L	SM 4500-Cl G	0.015	0.5			D
2011/12-3	ME-CC	matrix spike dup	3/19/2012	Conventional	Total Chlorine Residual	n/a	=	1.19	mg/L	SM 4500-Cl G	0.015	0.5			D,GB
2011/12-3	ME-CC	matrix spike dup, rec	3/19/2012	Conventional	Total Chlorine Residual	n/a	=	58	%	SM 4500-Cl G	-88	-88	65	128	D,GB
2011/12-3	ME-CC	matrix spike, rec	3/19/2012	Conventional	Total Chlorine Residual	n/a	=	66	%	SM 4500-Cl G	-88	-88	65	128	D
2011/12-3	ME-CC	matrix spike, RPD	3/19/2012	Conventional	Total Chlorine Residual	n/a	=	12	%	SM 4500-Cl G	-88	-88	0	15	D
2011/12-3	000NONPJ	lab duplicate	3/22/2012	Conventional	Total Dissolved Solids	n/a	=	317	mg/L	SM 2540 C	4	10		10	
2011/12-3	000NONPJ	lab duplicate	3/22/2012	Conventional	Total Dissolved Solids	n/a	=	492	mg/L	SM 2540 C	4	10		10	
2011/12-3	Lab	LCS	3/22/2012	Conventional	Total Dissolved Solids	n/a	=	805	mg/L	SM 2540 C	4	10			
2011/12-3	Lab	LCS, rec	3/22/2012	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	91	104	
2011/12-3	Lab	method blank	3/22/2012	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2011/12-3	000NONPJ	matrix spike	3/22/2012	Conventional	Total Organic Carbon	n/a	=	5.57	mg/L	SM 5310 C	0.009	0.3			
2011/12-3	000NONPJ	matrix spike dup	3/22/2012	Conventional	Total Organic Carbon	n/a	=	5.66	mg/L	SM 5310 C	0.009	0.3			
2011/12-3	000NONPJ	matrix spike dup, rec	3/22/2012	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	84	107	
2011/12-3	000NONPJ	matrix spike, rec	3/22/2012	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	84	107	
2011/12-3	000NONPJ	matrix spike, RPD	3/22/2012	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	
2011/12-3	Lab	LCS	3/22/2012	Conventional	Total Organic Carbon	n/a	=	4.85	mg/L	SM 5310 C	0.009	0.3			
2011/12-3	Lab	LCS, rec	3/22/2012	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	90	110	
2011/12-3	Lab	method blank	3/22/2012	Conventional	Total Organic Carbon	n/a	DNQ	0.0245	mg/L	SM 5310 C	0.009	0.3			IP
2011/12-3	000NONPJ	lab duplicate	3/21/2012	Conventional	Total Suspended Solids	n/a	=	44	mg/L	SM 2540 D	5	5		20	
2011/12-3	000NONPJ	lab duplicate	3/21/2012	Conventional	Total Suspended Solids	n/a	=	1210	mg/L	SM 2540 D	5	5		20	
2011/12-3	000NONPJ	lab duplicate	3/23/2012	Conventional	Total Suspended Solids	n/a	=	109	mg/L	SM 2540 D	5	5		20	
2011/12-3	000NONPJ	lab duplicate	3/23/2012	Conventional	Total Suspended Solids	n/a	=	98	mg/L	SM 2540 D	5	5		20	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	method blank	3/21/2012	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2011/12-3	Lab	method blank	3/23/2012	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2011/12-3	000NONPJ	lab duplicate	3/19/2012	Conventional	Turbidity	n/a	=	544	NTU	EPA 180.1	0.024	0.1		10	
2011/12-3	Lab	LCS	3/19/2012	Conventional	Turbidity	n/a	=	4.51	NTU	EPA 180.1	0.024	0.1			
2011/12-3	Lab	LCS, rec	3/19/2012	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2011/12-3	Lab	method blank	3/19/2012	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2011/12-3	000NONPJ	lab duplicate	3/21/2012	Conventional	Volatile Suspended Solids	n/a	=	290	mg/L	EPA 160.4	3.1	5		15	
2011/12-3	000NONPJ	lab duplicate	3/23/2012	Conventional	Volatile Suspended Solids	n/a	=	30	mg/L	EPA 160.4	3.1	5		15	
2011/12-3	Lab	method blank	3/21/2012	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2011/12-3	Lab	method blank	3/23/2012	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2011/12-3	Lab	LCS	3/20/2012	Hydrocarbon	Oil and Grease	n/a	=	17.9	mg/L	EPA 1664A	1.3	5			
2011/12-3	Lab	LCS	3/20/2012	Hydrocarbon	Oil and Grease	n/a	DNQ	4	mg/L	EPA 1664A	1.3	5			
2011/12-3	Lab	LCS dup	3/20/2012	Hydrocarbon	Oil and Grease	n/a	=	16.9	mg/L	EPA 1664A	1.3	5			
2011/12-3	Lab	LCS dup, rec	3/20/2012	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2011/12-3	Lab	LCS, rec	3/20/2012	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664A	-88	-88	78	114	
2011/12-3	Lab	LCS, rec	3/20/2012	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2011/12-3	Lab	LCS, RPD	3/20/2012	Hydrocarbon	Oil and Grease	n/a	=	6	%	EPA 1664A	-88	-88	0	18	
2011/12-3	Lab	method blank	3/20/2012	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2011/12-3	MO-FIL	matrix spike	3/20/2012	Hydrocarbon	Oil and Grease	n/a	=	18.7	mg/L	EPA 1664A	1.3	5			
2011/12-3	MO-FIL	matrix spike, rec	3/20/2012	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2011/12-3	MO-MEI	field blank	3/20/2012	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2011/12-3	Lab	LCS	3/20/2012	Hydrocarbon	TPH	n/a	DNQ	2.4	mg/L	EPA 1664A	1.9	5			
2011/12-3	Lab	LCS	3/20/2012	Hydrocarbon	TPH	n/a	=	6.4	mg/L	EPA 1664A	1.9	5			
2011/12-3	Lab	LCS dup	3/20/2012	Hydrocarbon	TPH	n/a	=	6.4	mg/L	EPA 1664A	1.9	5			
2011/12-3	Lab	LCS dup, rec	3/20/2012	Hydrocarbon	TPH	n/a	=	64	%	EPA 1664A	-88	-88			
2011/12-3	Lab	LCS, rec	3/20/2012	Hydrocarbon	TPH	n/a	=	96	%	EPA 1664A	-88	-88			
2011/12-3	Lab	LCS, rec	3/20/2012	Hydrocarbon	TPH	n/a	=	64	%	EPA 1664A	-88	-88			
2011/12-3	Lab	LCS, RPD	3/20/2012	Hydrocarbon	TPH	n/a	=	0	%	EPA 1664A	-88	-88	0		
2011/12-3	Lab	method blank	3/20/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2011/12-3	MO-FIL	matrix spike	3/20/2012	Hydrocarbon	TPH	n/a	=	6.5	mg/L	EPA 1664A	1.9	5			
2011/12-3	MO-FIL	matrix spike, rec	3/20/2012	Hydrocarbon	TPH	n/a	=	65	%	EPA 1664A	-88	-88			
2011/12-3	MO-MEI	field blank	3/20/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Aluminum	Dissolved	=	51.5	µg/L	EPA 200.8	0.61	5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Aluminum	Dissolved	=	53.8	µg/L	EPA 200.8	0.61	5			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Aluminum	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Aluminum	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Aluminum	Dissolved	DNQ	0.729	µg/L	EPA 200.8	0.61	5			IP
2011/12-3	Lab	method blank	4/4/2012	Metal	Aluminum	Dissolved	DNQ	1.13	µg/L	EPA 200.8	0.61	5			IP
2011/12-3	Lab	LCS	4/4/2012	Metal	Aluminum	Total	=	51.5	µg/L	EPA 200.8	0.61	5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Aluminum	Total	=	53.8	µg/L	EPA 200.8	0.61	5			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Aluminum	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Aluminum	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Aluminum	Total	DNQ	0.729	µg/L	EPA 200.8	0.61	5			IP
2011/12-3	Lab	method blank	4/4/2012	Metal	Aluminum	Total	DNQ	1.13	µg/L	EPA 200.8	0.61	5			IP
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Aluminum	Total	=	396	µg/L	EPA 200.8	0.61	5			GB
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Aluminum	Total	=	412	µg/L	EPA 200.8	0.61	5			GB
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Aluminum	Total	=	157	%	EPA 200.8	-88	-88	70	130	GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Aluminum	Total	=	141	%	EPA 200.8	-88	-88	70	130	GB
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Aluminum	Total	=	1560	µg/L	EPA 200.8	0.61	5			GB
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Aluminum	Total	=	1570	µg/L	EPA 200.8	0.61	5			GB
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Aluminum	Total	=	385	%	EPA 200.8	-88	-88	70	130	GB
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Aluminum	Total	=	377	%	EPA 200.8	-88	-88	70	130	GB
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Aluminum	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Aluminum	Total	=	401	µg/L	EPA 200.8	0.61	5			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Aluminum	Total	=	392	µg/L	EPA 200.8	0.61	5			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Aluminum	Total	=	79	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Antimony	Dissolved	=	51.6	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Antimony	Dissolved	=	54.2	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Antimony	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Antimony	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	Lab	method blank	4/4/2012	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Antimony	Total	=	51.6	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Antimony	Total	=	54.2	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Antimony	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	Lab	method blank	4/4/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Antimony	Total	=	99.5	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Antimony	Total	=	101	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Antimony	Total	=	98.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Antimony	Total	=	96.2	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Antimony	Total	=	50.3	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Antimony	Total	=	50.9	µg/L	EPA 200.8	0.04	0.5			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Arsenic	Dissolved	=	50.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	Lab	LCS	4/4/2012	Metal	Arsenic	Dissolved	=	50.3	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	Lab	method blank	4/4/2012	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	Lab	LCS	4/4/2012	Metal	Arsenic	Total	=	50.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	Lab	LCS	4/4/2012	Metal	Arsenic	Total	=	50.3	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	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	Lab	method blank	4/4/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Arsenic	Total	=	90.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Arsenic	Total	=	91.1	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Arsenic	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Arsenic	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Arsenic	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Arsenic	Total	=	92.1	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Arsenic	Total	=	89.8	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Arsenic	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Arsenic	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Arsenic	Total	=	50.3	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Arsenic	Total	=	51	µg/L	EPA 200.8	0.036	0.4			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Barium	Total	=	50.9	µg/L	EPA 200.8	0.03	0.5			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Barium	Total	<	0.03	µg/L	EPA 200.8	0.03	0.5			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Barium	Total	=	147	µg/L	EPA 200.8	0.03	0.5			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Barium	Total	=	148	µg/L	EPA 200.8	0.03	0.5			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Barium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Barium	Total	=	132	µg/L	EPA 200.8	0.03	0.5			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Barium	Total	=	128	µg/L	EPA 200.8	0.03	0.5			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Barium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Beryllium	Dissolved	=	51.8	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	Lab	LCS	4/4/2012	Metal	Beryllium	Dissolved	=	53	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Beryllium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Beryllium	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	Lab	method blank	4/4/2012	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	Lab	LCS	4/4/2012	Metal	Beryllium	Total	=	53	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	Lab	LCS	4/4/2012	Metal	Beryllium	Total	=	51.8	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	Lab	method blank	4/4/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Beryllium	Total	=	93.1	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Beryllium	Total	=	95.7	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Beryllium	Total	=	109	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Beryllium	Total	=	108	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Beryllium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Beryllium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Beryllium	Total	=	45.4	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Beryllium	Total	=	46.5	µg/L	EPA 200.8	0.088	0.1			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Beryllium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Cadmium	Dissolved	=	53.4	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	Lab	LCS	4/4/2012	Metal	Cadmium	Dissolved	=	52.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Cadmium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Cadmium	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	Lab	method blank	4/4/2012	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	Lab	LCS	4/4/2012	Metal	Cadmium	Total	=	52.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	Lab	LCS	4/4/2012	Metal	Cadmium	Total	=	53.4	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Cadmium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Cadmium	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	Lab	method blank	4/4/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Cadmium	Total	=	91.6	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Cadmium	Total	=	92.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Cadmium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Cadmium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Cadmium	Total	=	97.2	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Cadmium	Total	=	94.7	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Cadmium	Total	=	43.6	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Cadmium	Total	=	44.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Cadmium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Cadmium	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Chromium	Dissolved	=	48.6	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Chromium	Dissolved	=	50.5	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Chromium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Chromium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	Lab	method blank	4/4/2012	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Chromium	Total	=	48.6	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Chromium	Total	=	50.5	µg/L	EPA 200.8	0.074	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	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	Lab	method blank	4/4/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Chromium	Total	=	99.7	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Chromium	Total	=	97.8	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Chromium	Total	=	99.2	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Chromium	Total	=	96.9	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Chromium	Total	=	54.1	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Chromium	Total	=	54	µg/L	EPA 200.8	0.074	0.2			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Chromium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Chromium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	000NONPJ	matrix spike	3/20/2012	Metal	Chromium VI	n/a	=	5.78	µg/L	EPA 218.6	0.0059	0.3			
2011/12-3	000NONPJ	matrix spike dup	3/20/2012	Metal	Chromium VI	n/a	=	5.81	µg/L	EPA 218.6	0.0059	0.3			
2011/12-3	000NONPJ	matrix spike dup, rec	3/20/2012	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2011/12-3	000NONPJ	matrix spike, rec	3/20/2012	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2011/12-3	000NONPJ	matrix spike, RPD	3/20/2012	Metal	Chromium VI	n/a	=	0.6	%	EPA 218.6	-88	-88	0	10	
2011/12-3	Lab	LCS	3/20/2012	Metal	Chromium VI	n/a	=	5.07	µg/L	EPA 218.6	0.0059	0.3			
2011/12-3	Lab	LCS, rec	3/20/2012	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	90	110	
2011/12-3	Lab	method blank	3/20/2012	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2011/12-3	ME-CC	matrix spike	3/20/2012	Metal	Chromium VI	n/a	=	5.26	µg/L	EPA 218.6	0.0059	0.3			
2011/12-3	ME-CC	matrix spike dup	3/20/2012	Metal	Chromium VI	n/a	=	5.19	µg/L	EPA 218.6	0.0059	0.3			
2011/12-3	ME-CC	matrix spike dup, rec	3/20/2012	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2011/12-3	ME-CC	matrix spike, rec	3/20/2012	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2011/12-3	ME-CC	matrix spike, RPD	3/20/2012	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2011/12-3	Lab	LCS	4/4/2012	Metal	Copper	Dissolved	=	53.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Copper	Dissolved	=	51.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Copper	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	Lab	method blank	4/4/2012	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Copper	Total	=	53.1	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Copper	Total	=	51.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	Lab	method blank	4/4/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Copper	Total	=	91.8	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Copper	Total	=	92.9	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Copper	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Copper	Total	=	111	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Copper	Total	=	109	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Copper	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Copper	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Copper	Total	=	53.6	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Copper	Total	=	53.7	µg/L	EPA 200.8	0.27	0.5			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Copper	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	3/26/2012	Metal	Iron	Dissolved	=	205	µg/L	EPA 200.7	1.1	10			
2011/12-3	Lab	LCS, rec	3/26/2012	Metal	Iron	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2011/12-3	Lab	method blank	3/26/2012	Metal	Iron	Dissolved	DNQ	4.06	µg/L	EPA 200.7	1.1	10			IP
2011/12-3	Lab	LCS	3/27/2012	Metal	Iron	Dissolved	=	198	µg/L	EPA 200.7	1.1	10			
2011/12-3	Lab	LCS, rec	3/27/2012	Metal	Iron	Dissolved	=	99	%	EPA 200.7	-88	-88	85	115	
2011/12-3	Lab	method blank	3/27/2012	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-3	Lab	LCS	3/26/2012	Metal	Iron	Total	=	205	µg/L	EPA 200.7	1.1	10			
2011/12-3	Lab	LCS, rec	3/26/2012	Metal	Iron	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2011/12-3	Lab	method blank	3/26/2012	Metal	Iron	Total	DNQ	4.06	µg/L	EPA 200.7	1.1	10			IP
2011/12-3	Lab	LCS	3/27/2012	Metal	Iron	Total	=	198	µg/L	EPA 200.7	1.1	10			
2011/12-3	Lab	LCS, rec	3/27/2012	Metal	Iron	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2011/12-3	Lab	method blank	3/27/2012	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-3	MO-FIL	matrix spike	3/26/2012	Metal	Iron	Total	=	1360	µg/L	EPA 200.7	1.1	10			
2011/12-3	MO-FIL	matrix spike dup	3/26/2012	Metal	Iron	Total	=	1340	µg/L	EPA 200.7	1.1	10			
2011/12-3	MO-FIL	matrix spike dup, rec	3/26/2012	Metal	Iron	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-FIL	matrix spike, rec	3/26/2012	Metal	Iron	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-FIL	matrix spike, RPD	3/26/2012	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2011/12-3	MO-MPK	matrix spike	3/27/2012	Metal	Iron	Total	=	7050	µg/L	EPA 200.7	1.1	10			
2011/12-3	MO-MPK	matrix spike dup	3/27/2012	Metal	Iron	Total	=	7260	µg/L	EPA 200.7	1.1	10			GB
2011/12-3	MO-MPK	matrix spike dup, rec	3/27/2012	Metal	Iron	Total	=	178	%	EPA 200.7	-88	-88	70	130	GB
2011/12-3	MO-MPK	matrix spike, rec	3/27/2012	Metal	Iron	Total	=	73	%	EPA 200.7	-88	-88	70	130	
2011/12-3	MO-MPK	matrix spike, RPD	3/27/2012	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2011/12-3	MO-SIM	matrix spike	3/26/2012	Metal	Iron	Total	=	2750	µg/L	EPA 200.7	1.1	10			GB
2011/12-3	MO-SIM	matrix spike dup	3/26/2012	Metal	Iron	Total	=	2850	µg/L	EPA 200.7	1.1	10			GB
2011/12-3	MO-SIM	matrix spike dup, rec	3/26/2012	Metal	Iron	Total	=	165	%	EPA 200.7	-88	-88	70	130	GB
2011/12-3	MO-SIM	matrix spike, rec	3/26/2012	Metal	Iron	Total	=	137	%	EPA 200.7	-88	-88	70	130	GB
2011/12-3	MO-SIM	matrix spike, RPD	3/26/2012	Metal	Iron	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Lead	Dissolved	=	52	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Lead	Dissolved	=	52.6	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Lead	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Lead	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	Lab	method blank	4/4/2012	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Lead	Total	=	52.6	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Lead	Total	=	52	µg/L	EPA 200.8	0.011	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	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	Lab	method blank	4/4/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Lead	Total	=	96.7	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Lead	Total	=	97.2	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Lead	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Lead	Total	=	110	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Lead	Total	=	106	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Lead	Total	=	46.7	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Lead	Total	=	47.1	µg/L	EPA 200.8	0.011	0.2			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Lead	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Lead	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2011/12-3	000NONPJ	matrix spike	3/22/2012	Metal	Mercury	Total	=	1110	ng/L	EPA 245.1	3.9	50			
2011/12-3	000NONPJ	matrix spike	3/22/2012	Metal	Mercury	Total	=	1110	ng/L	EPA 245.1	3.9	50			
2011/12-3	000NONPJ	matrix spike dup	3/22/2012	Metal	Mercury	Total	=	1120	ng/L	EPA 245.1	3.9	50			
2011/12-3	000NONPJ	matrix spike dup	3/22/2012	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	3.9	50			
2011/12-3	000NONPJ	matrix spike dup, rec	3/22/2012	Metal	Mercury	Total	=	108	%	EPA 245.1	-88	-88	70	130	
2011/12-3	000NONPJ	matrix spike dup, rec	3/22/2012	Metal	Mercury	Total	=	107	%	EPA 245.1	-88	-88	70	130	
2011/12-3	000NONPJ	matrix spike, rec	3/22/2012	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	70	130	
2011/12-3	000NONPJ	matrix spike, rec	3/22/2012	Metal	Mercury	Total	=	108	%	EPA 245.1	-88	-88	70	130	
2011/12-3	000NONPJ	matrix spike, RPD	3/22/2012	Metal	Mercury	Total	=	0.9	%	EPA 245.1	-88	-88	0	20	
2011/12-3	000NONPJ	matrix spike, RPD	3/22/2012	Metal	Mercury	Total	=	0.9	%	EPA 245.1	-88	-88	0	20	
2011/12-3	Lab	LCS	3/22/2012	Metal	Mercury	Total	=	1090	ng/L	EPA 245.1	3.9	50			
2011/12-3	Lab	LCS	3/22/2012	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	3.9	50			
2011/12-3	Lab	LCS, rec	3/22/2012	Metal	Mercury	Total	=	108	%	EPA 245.1	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	3/22/2012	Metal	Mercury	Total	=	109	%	EPA 245.1	-88	-88	85	115	
2011/12-3	Lab	method blank	3/22/2012	Metal	Mercury	Total	DNQ	26	ng/L	EPA 245.1	3.9	50			IP
2011/12-3	Lab	method blank	3/22/2012	Metal	Mercury	Total	DNQ	21	ng/L	EPA 245.1	3.9	50			IP
2011/12-3	MO-OXN	matrix spike	3/22/2012	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	3.9	50			
2011/12-3	MO-OXN	matrix spike dup	3/22/2012	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	3.9	50			
2011/12-3	MO-OXN	matrix spike dup, rec	3/22/2012	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2011/12-3	MO-OXN	matrix spike, rec	3/22/2012	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	
2011/12-3	MO-OXN	matrix spike, RPD	3/22/2012	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2011/12-3	MO-SPA	matrix spike	3/22/2012	Metal	Mercury	Total	=	987	ng/L	EPA 245.1	3.9	50			
2011/12-3	MO-SPA	matrix spike dup	3/22/2012	Metal	Mercury	Total	=	961	ng/L	EPA 245.1	3.9	50			
2011/12-3	MO-SPA	matrix spike dup, rec	3/22/2012	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2011/12-3	MO-SPA	matrix spike, rec	3/22/2012	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	
2011/12-3	MO-SPA	matrix spike, RPD	3/22/2012	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2011/12-3	Lab	LCS	4/4/2012	Metal	Nickel	Dissolved	=	50.9	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	Lab	LCS	4/4/2012	Metal	Nickel	Dissolved	=	52.4	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	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Nickel	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Nickel	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	Lab	method blank	4/4/2012	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	Lab	LCS	4/4/2012	Metal	Nickel	Total	=	52.4	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	Lab	LCS	4/4/2012	Metal	Nickel	Total	=	50.9	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Nickel	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	Lab	method blank	4/4/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Nickel	Total	=	95.1	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Nickel	Total	=	97.2	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Nickel	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Nickel	Total	=	98.4	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Nickel	Total	=	96.5	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Nickel	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Nickel	Total	=	54.2	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Nickel	Total	=	54.5	µg/L	EPA 200.8	0.13	0.8			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Nickel	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Selenium	Dissolved	=	55.2	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	Lab	LCS	4/4/2012	Metal	Selenium	Dissolved	=	56.9	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Selenium	Dissolved	=	110	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Selenium	Dissolved	=	114	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	Lab	method blank	4/4/2012	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	Lab	LCS	4/4/2012	Metal	Selenium	Total	=	55.2	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	Lab	LCS	4/4/2012	Metal	Selenium	Total	=	56.9	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Selenium	Total	=	110	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Selenium	Total	=	114	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	Lab	method blank	4/4/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Selenium	Total	=	94.1	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Selenium	Total	=	93.2	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Selenium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Selenium	Total	=	88.2	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Selenium	Total	=	86.8	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Selenium	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Selenium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Selenium	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	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Selenium	Total	=	50.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Selenium	Total	=	50.4	µg/L	EPA 200.8	0.28	0.4			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Selenium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Silver	Dissolved	=	52.8	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Silver	Dissolved	=	53.2	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Silver	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Silver	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	Lab	method blank	4/4/2012	Metal	Silver	Dissolved	DNQ	0.0473	µg/L	EPA 200.8	0.027	0.2			IP
2011/12-3	Lab	LCS	4/4/2012	Metal	Silver	Total	=	52.8	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Silver	Total	=	53.2	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Silver	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Silver	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	Lab	method blank	4/4/2012	Metal	Silver	Total	DNQ	0.0473	µg/L	EPA 200.8	0.027	0.2			IP
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Silver	Total	=	95.4	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Silver	Total	=	96.9	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Silver	Total	=	104	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Silver	Total	=	102	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Silver	Total	=	47.1	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Silver	Total	=	47.7	µg/L	EPA 200.8	0.027	0.2			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Thallium	Dissolved	=	51.6	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Thallium	Dissolved	=	52.5	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Thallium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Thallium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	Lab	method blank	4/4/2012	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Thallium	Total	=	51.6	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	Lab	LCS	4/4/2012	Metal	Thallium	Total	=	52.5	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	Lab	method blank	4/4/2012	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Thallium	Total	=	98.1	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Thallium	Total	=	99	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Thallium	Total	=	103	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Thallium	Total	=	101	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Thallium	Total	=	45.9	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Thallium	Total	=	46.4	µg/L	EPA 200.8	0.009	0.2			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Thallium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Thallium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-3	Lab	LCS	4/4/2012	Metal	Zinc	Dissolved	=	50.8	µg/L	EPA 200.8	1.1	5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Zinc	Dissolved	=	52.7	µg/L	EPA 200.8	1.1	5			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Zinc	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Zinc	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-3	Lab	method blank	4/4/2012	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Zinc	Total	=	50.8	µg/L	EPA 200.8	1.1	5			
2011/12-3	Lab	LCS	4/4/2012	Metal	Zinc	Total	=	52.7	µg/L	EPA 200.8	1.1	5			
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Zinc	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	LCS, rec	4/4/2012	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-3	Lab	method blank	4/4/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-3	Lab	method blank	4/4/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-3	ME-VR2	matrix spike	4/4/2012	Metal	Zinc	Total	=	79.5	µg/L	EPA 200.8	1.1	5			
2011/12-3	ME-VR2	matrix spike dup	4/4/2012	Metal	Zinc	Total	=	79.6	µg/L	EPA 200.8	1.1	5			
2011/12-3	ME-VR2	matrix spike dup, rec	4/4/2012	Metal	Zinc	Total	=	74	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	4/4/2012	Metal	Zinc	Total	=	74	%	EPA 200.8	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	4/4/2012	Metal	Zinc	Total	=	0.08	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-CAM	matrix spike	4/4/2012	Metal	Zinc	Total	=	173	µg/L	EPA 200.8	1.1	5			GB
2011/12-3	MO-CAM	matrix spike dup	4/4/2012	Metal	Zinc	Total	=	170	µg/L	EPA 200.8	1.1	5			GB
2011/12-3	MO-CAM	matrix spike dup, rec	4/4/2012	Metal	Zinc	Total	=	63	%	EPA 200.8	-88	-88	70	130	GB
2011/12-3	MO-CAM	matrix spike, rec	4/4/2012	Metal	Zinc	Total	=	65	%	EPA 200.8	-88	-88	70	130	GB
2011/12-3	MO-CAM	matrix spike, RPD	4/4/2012	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-3	MO-HUE	matrix spike	4/4/2012	Metal	Zinc	Total	=	62.5	µg/L	EPA 200.8	1.1	5			
2011/12-3	MO-HUE	matrix spike dup	4/4/2012	Metal	Zinc	Total	=	62.2	µg/L	EPA 200.8	1.1	5			
2011/12-3	MO-HUE	matrix spike dup, rec	4/4/2012	Metal	Zinc	Total	=	78	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, rec	4/4/2012	Metal	Zinc	Total	=	79	%	EPA 200.8	-88	-88	70	130	
2011/12-3	MO-HUE	matrix spike, RPD	4/4/2012	Metal	Zinc	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-3	000NONPJ	matrix spike	3/27/2012	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			
2011/12-3	000NONPJ	matrix spike	3/27/2012	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			
2011/12-3	000NONPJ	matrix spike dup	3/27/2012	Nutrient	Ammonia as N	n/a	=	1.08	mg/L	EPA 350.1	0.048	0.1			
2011/12-3	000NONPJ	matrix spike dup	3/27/2012	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			
2011/12-3	000NONPJ	matrix spike dup, rec	3/27/2012	Nutrient	Ammonia as N	n/a	=	108	%	EPA 350.1	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike dup, rec	3/27/2012	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	3/27/2012	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	3/27/2012	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	000NONPJ	matrix spike, RPD	3/27/2012	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	
2011/12-3	000NONPJ	matrix spike, RPD	3/27/2012	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	15	
2011/12-3	Lab	LCS	3/27/2012	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			
2011/12-3	Lab	LCS, rec	3/27/2012	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	
2011/12-3	Lab	method blank	3/27/2012	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2011/12-3	000NONPJ	matrix spike	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	9.3	mg/L	EPA 353.2	0.01	0.1			
2011/12-3	000NONPJ	matrix spike	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	9.33	mg/L	EPA 353.2	0.01	0.1			GB
2011/12-3	000NONPJ	matrix spike dup	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	9.28	mg/L	EPA 353.2	0.01	0.1			GB
2011/12-3	000NONPJ	matrix spike dup	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	9.24	mg/L	EPA 353.2	0.01	0.1			
2011/12-3	000NONPJ	matrix spike dup, rec	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	86	%	EPA 353.2	-88	-88	90	110	GB
2011/12-3	000NONPJ	matrix spike dup, rec	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	89	%	EPA 353.2	-88	-88	90	110	GB
2011/12-3	000NONPJ	matrix spike, rec	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	110	%	EPA 353.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, RPD	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	
2011/12-3	000NONPJ	matrix spike, RPD	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	
2011/12-3	000NONPJ	matrix spike	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.26	mg/L	EPA 353.2	0.01	0.1			
2011/12-3	000NONPJ	matrix spike	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.22	mg/L	EPA 353.2	0.01	0.1			
2011/12-3	000NONPJ	matrix spike dup	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.26	mg/L	EPA 353.2	0.01	0.1			
2011/12-3	000NONPJ	matrix spike dup	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.26	mg/L	EPA 353.2	0.01	0.1			
2011/12-3	000NONPJ	matrix spike dup, rec	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike dup, rec	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, RPD	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.04	%	EPA 353.2	-88	-88	0	20	
2011/12-3	000NONPJ	matrix spike, RPD	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2011/12-3	Lab	LCS	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.966	mg/L	EPA 353.2	0.01	0.1			
2011/12-3	Lab	LCS, rec	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2011/12-3	Lab	method blank	3/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-3	Lab	LCS	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.973	mg/L	EPA 353.2	0.01	0.1			
2011/12-3	Lab	LCS, rec	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2011/12-3	Lab	method blank	3/20/2012	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.013	mg/L	EPA 353.2	0.01	0.1			IP
2011/12-3	000NONPJ	matrix spike	3/19/2012	Nutrient	Nitrate as N	n/a	=	9.33	mg/L	EPA 353.2	0.041	0.1			GB
2011/12-3	000NONPJ	matrix spike	3/19/2012	Nutrient	Nitrate as N	n/a	=	9.3	mg/L	EPA 353.2	0.041	0.1			
2011/12-3	000NONPJ	matrix spike dup	3/19/2012	Nutrient	Nitrate as N	n/a	=	9.28	mg/L	EPA 353.2	0.041	0.1			GB
2011/12-3	000NONPJ	matrix spike dup	3/19/2012	Nutrient	Nitrate as N	n/a	=	9.24	mg/L	EPA 353.2	0.041	0.1			
2011/12-3	000NONPJ	matrix spike dup, rec	3/19/2012	Nutrient	Nitrate as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike dup, rec	3/19/2012	Nutrient	Nitrate as N	n/a	=	86	%	EPA 353.2	-88	-88	90	110	GB
2011/12-3	000NONPJ	matrix spike, rec	3/19/2012	Nutrient	Nitrate as N	n/a	=	89	%	EPA 353.2	-88	-88	90	110	GB
2011/12-3	000NONPJ	matrix spike, rec	3/19/2012	Nutrient	Nitrate as N	n/a	=	110	%	EPA 353.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, RPD	3/19/2012	Nutrient	Nitrate as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	
2011/12-3	000NONPJ	matrix spike, RPD	3/19/2012	Nutrient	Nitrate as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	
2011/12-3	Lab	LCS	3/19/2012	Nutrient	Nitrate as N	n/a	=	0.966	mg/L	EPA 353.2	0.041	0.1			
2011/12-3	Lab	LCS, rec	3/19/2012	Nutrient	Nitrate as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2011/12-3	Lab	method blank	3/19/2012	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2011/12-3	000NONPJ	matrix spike	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0492	mg/L	EPA 365.1	0.0014	0.01			
2011/12-3	000NONPJ	matrix spike	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0466	mg/L	EPA 365.1	0.0014	0.01			
2011/12-3	000NONPJ	matrix spike dup	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0471	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	
2011/12-3	000NONPJ	matrix spike dup	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0495	mg/L	EPA 365.1	0.0014	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	94	%	EPA 365.1	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike dup, rec	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	99	%	EPA 365.1	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	93	%	EPA 365.1	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, RPD	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	0.6	%	EPA 365.1	-88	-88	0	10	
2011/12-3	000NONPJ	matrix spike, RPD	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 365.1	-88	-88	0	10	
2011/12-3	Lab	LCS	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0482	mg/L	EPA 365.1	0.0014	0.01			
2011/12-3	Lab	LCS, rec	4/2/2012	Nutrient	Phosphorus as P	Dissolved	=	96	%	EPA 365.1	-88	-88	90	110	
2011/12-3	Lab	method blank	4/2/2012	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-3	000NONPJ	matrix spike	3/30/2012	Nutrient	Phosphorus as P	Total	=	0.0481	mg/L	EPA 365.1	0.0014	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Nutrient	Phosphorus as P	Total	=	0.0486	mg/L	EPA 365.1	0.0014	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Nutrient	Phosphorus as P	Total	=	97	%	EPA 365.1	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	
2011/12-3	Lab	LCS	3/30/2012	Nutrient	Phosphorus as P	Total	=	0.0481	mg/L	EPA 365.1	0.0014	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2011/12-3	Lab	method blank	3/30/2012	Nutrient	Phosphorus as P	Total	DNQ	0.0015	mg/L	EPA 365.1	0.0014	0.01			IP
2011/12-3	ME-VR2	matrix spike	3/30/2012	Nutrient	Phosphorus as P	Total	=	0.157	mg/L	EPA 365.1	0.0014	0.01			
2011/12-3	ME-VR2	matrix spike dup	3/30/2012	Nutrient	Phosphorus as P	Total	=	0.155	mg/L	EPA 365.1	0.0014	0.01			
2011/12-3	ME-VR2	matrix spike dup, rec	3/30/2012	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2011/12-3	ME-VR2	matrix spike, rec	3/30/2012	Nutrient	Phosphorus as P	Total	=	106	%	EPA 365.1	-88	-88	90	110	
2011/12-3	ME-VR2	matrix spike, RPD	3/30/2012	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Nutrient	TKN	n/a	=	0.94	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Nutrient	TKN	n/a	=	1.21	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Nutrient	TKN	n/a	=	0.938	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Nutrient	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Nutrient	TKN	n/a	=	0.2	%	EPA 351.2	-88	-88	0	15	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Nutrient	TKN	n/a	=	0.2	%	EPA 351.2	-88	-88	0	15	
2011/12-3	000NONPJ	matrix spike	3/29/2012	Nutrient	TKN	n/a	=	1.16	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	000NONPJ	matrix spike	3/29/2012	Nutrient	TKN	n/a	=	1.11	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	000NONPJ	matrix spike dup	3/29/2012	Nutrient	TKN	n/a	=	1.09	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	000NONPJ	matrix spike dup	3/29/2012	Nutrient	TKN	n/a	=	1.14	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	000NONPJ	matrix spike dup, rec	3/29/2012	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike dup, rec	3/29/2012	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	3/29/2012	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, rec	3/29/2012	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2011/12-3	000NONPJ	matrix spike, RPD	3/29/2012	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	15	
2011/12-3	000NONPJ	matrix spike, RPD	3/29/2012	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	15	
2011/12-3	Lab	LCS	3/28/2012	Nutrient	TKN	n/a	=	1.06	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	Lab	LCS, rec	3/28/2012	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	
2011/12-3	Lab	method blank	3/28/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	Lab	LCS	3/29/2012	Nutrient	TKN	n/a	=	1.09	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	
2011/12-3	Lab	LCS, rec	3/29/2012	Nutrient	TKN	n/a	=	109	%	EPA 351.2	-88	-88	90	110	
2011/12-3	Lab	method blank	3/29/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2011/12-3	Lab	LCS	4/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	34	µg/L	EPA 625	0.55	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	25.3	µg/L	EPA 625	0.55	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	51	%	EPA 625	-88	-88	44	142	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	44	142	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	29	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	34.9	µg/L	EPA 625	0.57	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	26	µg/L	EPA 625	0.57	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	52	%	EPA 625	-88	-88	32	129	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	32	129	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	29	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-3	Lab	srgt LCS	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	12.3	µg/L	EPA 524.2	-88	-88			
2011/12-3	Lab	srgt LCS dup	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	12.2	µg/L	EPA 524.2	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	122	%	EPA 524.2	-88	-88	70	130	
2011/12-3	Lab	srgt LCS, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	123	%	EPA 524.2	-88	-88	70	130	
2011/12-3	Lab	srgt method blank	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.3	µg/L	EPA 524.2	-88	-88			
2011/12-3	Lab	srgt method blank, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	103	%	EPA 524.2	-88	-88	70	130	
2011/12-3	ME-CC	srgt environ	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.2	µg/L	EPA 524.2	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2011/12-3	ME-SCR	srgt environ	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.9	µg/L	EPA 524.2	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	89	%	EPA 524.2	-88	-88	70	130	
2011/12-3	ME-VR2	srgt environ	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.4	µg/L	EPA 524.2	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-CAM	srgt environ	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.8	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-FIL	srgt environ	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.83	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-HUE	srgt environ	3/20/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.3	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	3/20/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	93	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-MEI	srgt environ	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.76	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-MEI	srgt field blank	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.42	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-MEI	srgt field blank, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	94	%	EPA 524.2	-88	-88			
2011/12-3	MO-MPK	srgt environ	3/20/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.57	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	3/20/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	96	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-OJA	srgt environ	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.99	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-OXN	srgt environ	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.45	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-SIM	srgt environ	3/20/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.89	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	3/20/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	89	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-SPA	srgt environ	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.76	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-THO	srgt environ	3/20/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9	µg/L	EPA 524.2	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	MO-THO	srgt environ, rec	3/20/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-VEN	srgt environ	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.81	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	3/19/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-3	Lab	method blank	4/5/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	32.7	µg/L	EPA 625	0.53	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	23.8	µg/L	EPA 625	0.53	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	48	%	EPA 625	-88	-88	0.1	172	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	0.1	172	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	32	%	EPA 625	-88	-88	0	30	IL
2011/12-3	Lab	method blank	4/5/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-3	000NONPJ	srgt matrix spike	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.49	µg/L	EPA 525.2	-88	-88			
2011/12-3	000NONPJ	srgt matrix spike dup	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.489	µg/L	EPA 525.2	-88	-88			
2011/12-3	000NONPJ	srgt matrix spike dup, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-3	000NONPJ	srgt matrix spike, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-3	000NONPJ	srgt matrix spike	3/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.49	µg/L	EPA 525.2	-88	-88			
2011/12-3	000NONPJ	srgt matrix spike dup	3/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.487	µg/L	EPA 525.2	-88	-88			
2011/12-3	000NONPJ	srgt matrix spike dup, rec	3/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2011/12-3	000NONPJ	srgt matrix spike, rec	3/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-3	Lab	srgt LCS	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.502	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS dup	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.72	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	136	
2011/12-3	Lab	srgt LCS, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-3	Lab	srgt LCS, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2011/12-3	Lab	srgt method blank	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.73	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt method blank	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.481	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt method blank, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	136	
2011/12-3	Lab	srgt method blank, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2011/12-3	Lab	srgt LCS	3/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.5	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS, rec	3/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-3	Lab	srgt method blank	3/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.5	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt method blank, rec	3/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-3	Lab	srgt LCS	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.506	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS, rec	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2011/12-3	Lab	srgt method blank	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.493	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2011/12-3	ME-CC	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.508	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-CC	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-3	ME-CC	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2011/12-3	ME-SCR	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.36	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-SCR	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.499	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-3	ME-SCR	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-3	ME-VR2	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.72	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-VR2	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.527	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	ME-VR2	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-CAM	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-CAM	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.512	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-CAM	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-FIL	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.492	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-FIL	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-FIL	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-HUE	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.73	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-HUE	srgt environ	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.536	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-MEI	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-MEI	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.508	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-MEI	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-MPK	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.19	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-MPK	srgt environ	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.503	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-OJA	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.493	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-OJA	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.12	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-OJA	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-OXN	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.54	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-OXN	srgt environ	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.485	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-SIM	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.37	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-SIM	srgt environ	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.505	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-SIM	srgt matrix spike	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.508	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SIM	srgt matrix spike dup	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.499	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SIM	srgt matrix spike dup, rec	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-SIM	srgt matrix spike, rec	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-SPA	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SPA	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.512	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-SPA	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-THO	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.25	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-THO	srgt environ	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.508	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-3	MO-VEN	srgt environ	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.26	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	3/28/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	125	%	EPA 525.2	-88	-88	73	136	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	MO-VEN	srgt environ	3/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.482	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	3/30/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2011/12-3	Lab	LCS	4/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	33.1	µg/L	EPA 625	0.55	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	24.7	µg/L	EPA 625	0.55	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	49	%	EPA 625	-88	-88	20	124	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	20	124	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	29	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-3	Lab	method blank	4/9/2012	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2011/12-3	Lab	srgt LCS	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	68	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	73.5	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	0.1	157	
2011/12-3	Lab	srgt LCS, rec	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	0.1	157	
2011/12-3	Lab	srgt method blank	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	68.6	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	0.1	157	
2011/12-3	Lab	srgt LCS	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	13.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	15.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	Lab	srgt LCS, rec	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	Lab	srgt method blank	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	14.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	ME-CC	srgt environ	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	57.7	µg/L	EPA 625	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 625	-88	-88	0.1	157	
2011/12-3	ME-CC	srgt environ	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	14.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	ME-SCR	srgt environ	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	29.2	µg/L	EPA 625	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	29	%	EPA 625	-88	-88	0.1	157	
2011/12-3	ME-SCR	srgt environ	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	13.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	ME-VR2	srgt environ	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	72.2	µg/L	EPA 625	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	0.1	157	
2011/12-3	ME-VR2	srgt environ	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	14.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	MO-CAM	srgt environ	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	66.2	µg/L	EPA 625	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	0.1	157	
2011/12-3	MO-CAM	srgt environ	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	17.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	MO-FIL	srgt environ	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	72.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	0.1	157	
2011/12-3	MO-FIL	srgt environ	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	15.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	MO-HUE	srgt environ	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	67	µg/L	EPA 625	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	0.1	157	
2011/12-3	MO-HUE	srgt environ	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	15.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	MO-MEI	srgt environ	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	69.2	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	0.1	157	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	MO-MEI	srgt environ	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	14	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	MO-MPK	srgt environ	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	44.6	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	45	%	EPA 625	-88	-88	0.1	157	
2011/12-3	MO-MPK	srgt environ	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	13.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	MO-OJA	srgt environ	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	62.3	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	0.1	157	
2011/12-3	MO-OJA	srgt environ	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	18.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	MO-OXN	srgt environ	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	71.1	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	0.1	157	
2011/12-3	MO-OXN	srgt environ	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	12.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	MO-SIM	srgt environ	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	64.5	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	0.1	157	
2011/12-3	MO-SIM	srgt environ	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	14.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	MO-SPA	srgt environ	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	69.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	0.1	157	
2011/12-3	MO-SPA	srgt environ	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	15.3	µg/L	EPA 8270Cm	-88	-88			D
2011/12-3	MO-SPA	srgt environ, rec	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270Cm	-88	-88	44	115	D
2011/12-3	MO-THO	srgt environ	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	66.7	µg/L	EPA 625	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625	-88	-88	0.1	157	
2011/12-3	MO-THO	srgt environ	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	14.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	MO-VEN	srgt environ	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	57	µg/L	EPA 625	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/6/2012	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 625	-88	-88	0.1	157	
2011/12-3	MO-VEN	srgt environ	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	13.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	44	115	
2011/12-3	Lab	LCS	4/9/2012	Organic	2,4,6-Trichlorophenol	n/a	=	6.54	µg/L	EPA 8270Cm	0.3	1			
2011/12-3	Lab	LCS dup	4/9/2012	Organic	2,4,6-Trichlorophenol	n/a	=	7.29	µg/L	EPA 8270Cm	0.3	1			
2011/12-3	Lab	LCS dup, rec	4/9/2012	Organic	2,4,6-Trichlorophenol	n/a	=	73	%	EPA 8270Cm	-88	-88	52	150	
2011/12-3	Lab	LCS, rec	4/9/2012	Organic	2,4,6-Trichlorophenol	n/a	=	65	%	EPA 8270Cm	-88	-88	52	150	
2011/12-3	Lab	LCS, RPD	4/9/2012	Organic	2,4,6-Trichlorophenol	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/9/2012	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-3	Lab	LCS	4/9/2012	Organic	2,4-Dichlorophenol	n/a	=	6.03	µg/L	EPA 8270Cm	0.51	1			
2011/12-3	Lab	LCS dup	4/9/2012	Organic	2,4-Dichlorophenol	n/a	=	6.79	µg/L	EPA 8270Cm	0.51	1			
2011/12-3	Lab	LCS dup, rec	4/9/2012	Organic	2,4-Dichlorophenol	n/a	=	68	%	EPA 8270Cm	-88	-88	53	106	
2011/12-3	Lab	LCS, rec	4/9/2012	Organic	2,4-Dichlorophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	53	106	
2011/12-3	Lab	LCS, RPD	4/9/2012	Organic	2,4-Dichlorophenol	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/9/2012	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2011/12-3	Lab	srgt LCS	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.5	µg/L	EPA 515.3	-88	-88			
2011/12-3	Lab	srgt LCS, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	srgt method blank	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.2	µg/L	EPA 515.3	-88	-88			
2011/12-3	Lab	srgt method blank, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	srgt environ	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.97	µg/L	EPA 515.3	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	ME-CC	srgt environ, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	srgt matrix spike	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.47	µg/L	EPA 515.3	-88	-88			
2011/12-3	ME-CC	srgt matrix spike dup	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.38	µg/L	EPA 515.3	-88	-88			
2011/12-3	ME-CC	srgt matrix spike dup, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	srgt matrix spike, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-SCR	srgt environ	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.07	µg/L	EPA 515.3	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	srgt environ	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.76	µg/L	EPA 515.3	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	srgt matrix spike	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.2	µg/L	EPA 515.3	-88	-88			
2011/12-3	ME-VR2	srgt matrix spike dup	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.93	µg/L	EPA 515.3	-88	-88			
2011/12-3	ME-VR2	srgt matrix spike dup, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	srgt matrix spike, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-CAM	srgt environ	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.86	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-FIL	srgt environ	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.28	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-HUE	srgt environ	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.58	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-MEI	srgt environ	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.84	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-MPK	srgt environ	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-OJA	srgt environ	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.74	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	3/23/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-OXN	srgt environ	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.37	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-SIM	srgt environ	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.59	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-SPA	srgt environ	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.7	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-THO	srgt environ	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.71	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-3	MO-VEN	srgt environ	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.57	µg/L	EPA 515.3	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	3/24/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	LCS	4/9/2012	Organic	2,4-Dimethylphenol	n/a	=	5.07	µg/L	EPA 8270Cm	1	2			
2011/12-3	Lab	LCS dup	4/9/2012	Organic	2,4-Dimethylphenol	n/a	=	5.36	µg/L	EPA 8270Cm	1	2			
2011/12-3	Lab	LCS dup, rec	4/9/2012	Organic	2,4-Dimethylphenol	n/a	=	54	%	EPA 8270Cm	-88	-88	21	99	
2011/12-3	Lab	LCS, rec	4/9/2012	Organic	2,4-Dimethylphenol	n/a	=	51	%	EPA 8270Cm	-88	-88	21	99	
2011/12-3	Lab	LCS, RPD	4/9/2012	Organic	2,4-Dimethylphenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/9/2012	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-3	Lab	LCS	4/9/2012	Organic	2,4-Dinitrophenol	n/a	=	8.83	µg/L	EPA 8270Cm	1	2			
2011/12-3	Lab	LCS dup	4/9/2012	Organic	2,4-Dinitrophenol	n/a	=	10.1	µg/L	EPA 8270Cm	1	2			
2011/12-3	Lab	LCS dup, rec	4/9/2012	Organic	2,4-Dinitrophenol	n/a	=	101	%	EPA 8270Cm	-88	-88	2	227	
2011/12-3	Lab	LCS, rec	4/9/2012	Organic	2,4-Dinitrophenol	n/a	=	88	%	EPA 8270Cm	-88	-88	2	227	
2011/12-3	Lab	LCS, RPD	4/9/2012	Organic	2,4-Dinitrophenol	n/a	=	13	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/9/2012	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS	4/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	41.7	µg/L	EPA 625	0.18	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	45.3	µg/L	EPA 625	0.18	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	91	%	EPA 625	-88	-88	39	139	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	83	%	EPA 625	-88	-88	39	139	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	37.7	µg/L	EPA 625	0.27	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	40.8	µg/L	EPA 625	0.27	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	50	158	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	75	%	EPA 625	-88	-88	50	158	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-3	Lab	LCS	3/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	4.77	µg/L	EPA 524.2	0.61	1			
2011/12-3	Lab	LCS dup	3/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	5.75	µg/L	EPA 524.2	0.61	1			
2011/12-3	Lab	LCS dup, rec	3/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	96	%	EPA 524.2	-88	-88	70	130	
2011/12-3	Lab	LCS, rec	3/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2011/12-3	Lab	LCS, RPD	3/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	19	%	EPA 524.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-3	MO-MEI	field blank	3/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	2-Chloronaphthalene	n/a	=	37	µg/L	EPA 625	0.45	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	2-Chloronaphthalene	n/a	=	31.1	µg/L	EPA 625	0.45	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	2-Chloronaphthalene	n/a	=	62	%	EPA 625	-88	-88	60	118	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	2-Chloronaphthalene	n/a	=	74	%	EPA 625	-88	-88	60	118	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	2-Chloronaphthalene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-3	Lab	LCS	4/9/2012	Organic	2-Chlorophenol	n/a	=	4.96	µg/L	EPA 8270Cm	0.65	1			
2011/12-3	Lab	LCS dup	4/9/2012	Organic	2-Chlorophenol	n/a	=	5.58	µg/L	EPA 8270Cm	0.65	1			
2011/12-3	Lab	LCS dup, rec	4/9/2012	Organic	2-Chlorophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	46	92	
2011/12-3	Lab	LCS, rec	4/9/2012	Organic	2-Chlorophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	46	92	
2011/12-3	Lab	LCS, RPD	4/9/2012	Organic	2-Chlorophenol	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/9/2012	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2011/12-3	Lab	srgt LCS	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	33.3	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	33.8	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	130	
2011/12-3	Lab	srgt LCS, rec	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	130	
2011/12-3	Lab	srgt method blank	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	32.9	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	130	
2011/12-3	Lab	srgt LCS	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	5.63	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	6.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	Lab	srgt LCS, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	Lab	srgt method blank	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	6.25	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	ME-CC	srgt environ	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	32.5	µg/L	EPA 625	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	130	
2011/12-3	ME-CC	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	6.25	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	62	%	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	
2011/12-3	ME-SCR	srgt environ	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	32	%	EPA 625	-88	-88	22	130	
2011/12-3	ME-SCR	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	4.29	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-3	ME-SCR	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	43	%	EPA 8270Cm	-88	-88	51	139	GN
2011/12-3	ME-VR2	srgt environ	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	35.7	µg/L	EPA 625	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	22	130	
2011/12-3	ME-VR2	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	5.05	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-3	ME-VR2	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	50	%	EPA 8270Cm	-88	-88	51	139	GN
2011/12-3	MO-CAM	srgt environ	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	32.7	µg/L	EPA 625	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/5/2012	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-CAM	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	7.87	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	MO-FIL	srgt environ	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	36.1	µg/L	EPA 625	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-FIL	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	7.78	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	MO-HUE	srgt environ	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	26.9	µg/L	EPA 625	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-HUE	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	6.78	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	MO-MEI	srgt environ	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	33.5	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-MEI	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	5.91	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	MO-MPK	srgt environ	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	23.6	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	47	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-MPK	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	7.15	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	MO-OJA	srgt environ	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	30.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-OJA	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	8.22	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	MO-OXN	srgt environ	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	33.3	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-OXN	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	6.22	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	MO-SIM	srgt environ	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	32.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-SIM	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	7.57	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	MO-SPA	srgt environ	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	32.9	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-SPA	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	6.86	µg/L	EPA 8270Cm	-88	-88			D
2011/12-3	MO-SPA	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270Cm	-88	-88	51	139	D
2011/12-3	MO-THO	srgt environ	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	32	µg/L	EPA 625	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-THO	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	6.87	µg/L	EPA 8270Cm	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	MO-THO	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	MO-VEN	srgt environ	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	28.5	µg/L	EPA 625	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/6/2012	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625	-88	-88	22	130	
2011/12-3	MO-VEN	srgt environ	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	5.94	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/10/2012	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270Cm	-88	-88	51	139	
2011/12-3	Lab	srgt LCS	4/5/2012	Organic	2-Fluorophenol	n/a	=	37.4	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/5/2012	Organic	2-Fluorophenol	n/a	=	41.5	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/5/2012	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	6	96	
2011/12-3	Lab	srgt LCS, rec	4/5/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	
2011/12-3	Lab	srgt method blank	4/5/2012	Organic	2-Fluorophenol	n/a	=	42.5	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/5/2012	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	6	96	
2011/12-3	Lab	srgt LCS	4/9/2012	Organic	2-Fluorophenol	n/a	=	5.25	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/9/2012	Organic	2-Fluorophenol	n/a	=	6.13	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/9/2012	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	Lab	srgt LCS, rec	4/9/2012	Organic	2-Fluorophenol	n/a	=	26	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	Lab	srgt method blank	4/9/2012	Organic	2-Fluorophenol	n/a	=	6.72	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/9/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	ME-CC	srgt environ	4/5/2012	Organic	2-Fluorophenol	n/a	=	33.3	µg/L	EPA 625	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/5/2012	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	6	96	
2011/12-3	ME-CC	srgt environ	4/9/2012	Organic	2-Fluorophenol	n/a	=	5.65	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/9/2012	Organic	2-Fluorophenol	n/a	=	28	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	ME-SCR	srgt environ	4/5/2012	Organic	2-Fluorophenol	n/a	=	25.9	µg/L	EPA 625	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/5/2012	Organic	2-Fluorophenol	n/a	=	26	%	EPA 625	-88	-88	6	96	
2011/12-3	ME-SCR	srgt environ	4/9/2012	Organic	2-Fluorophenol	n/a	=	4.06	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-3	ME-SCR	srgt environ, rec	4/9/2012	Organic	2-Fluorophenol	n/a	=	20	%	EPA 8270Cm	-88	-88	24	82	GN
2011/12-3	ME-VR2	srgt environ	4/5/2012	Organic	2-Fluorophenol	n/a	=	41.4	µg/L	EPA 625	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	4/5/2012	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	6	96	
2011/12-3	ME-VR2	srgt environ	4/9/2012	Organic	2-Fluorophenol	n/a	=	4.36	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-3	ME-VR2	srgt environ, rec	4/9/2012	Organic	2-Fluorophenol	n/a	=	22	%	EPA 8270Cm	-88	-88	24	82	GN
2011/12-3	MO-CAM	srgt environ	4/5/2012	Organic	2-Fluorophenol	n/a	=	35	µg/L	EPA 625	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/5/2012	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	6	96	
2011/12-3	MO-CAM	srgt environ	4/9/2012	Organic	2-Fluorophenol	n/a	=	6.94	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/9/2012	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	MO-FIL	srgt environ	4/6/2012	Organic	2-Fluorophenol	n/a	=	40.8	µg/L	EPA 625	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/6/2012	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	6	96	
2011/12-3	MO-FIL	srgt environ	4/10/2012	Organic	2-Fluorophenol	n/a	=	8.42	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/10/2012	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	MO-HUE	srgt environ	4/6/2012	Organic	2-Fluorophenol	n/a	=	25.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/6/2012	Organic	2-Fluorophenol	n/a	=	24	%	EPA 625	-88	-88	6	96	
2011/12-3	MO-HUE	srgt environ	4/10/2012	Organic	2-Fluorophenol	n/a	=	6.89	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/10/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	MO-MEI	srgt environ	4/6/2012	Organic	2-Fluorophenol	n/a	=	33.6	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/6/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	6	96	
2011/12-3	MO-MEI	srgt environ	4/9/2012	Organic	2-Fluorophenol	n/a	=	4.58	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-3	MO-MEI	srgt environ, rec	4/9/2012	Organic	2-Fluorophenol	n/a	=	23	%	EPA 8270Cm	-88	-88	24	82	GN
2011/12-3	MO-MPK	srgt environ	4/6/2012	Organic	2-Fluorophenol	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/6/2012	Organic	2-Fluorophenol	n/a	=	14	%	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	
2011/12-3	MO-MPK	srgt environ	4/10/2012	Organic	2-Fluorophenol	n/a	=	6.27	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/10/2012	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	MO-OJA	srgt environ	4/6/2012	Organic	2-Fluorophenol	n/a	=	31.2	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/6/2012	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625	-88	-88	6	96	
2011/12-3	MO-OJA	srgt environ	4/9/2012	Organic	2-Fluorophenol	n/a	=	7.39	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/9/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	MO-OXN	srgt environ	4/6/2012	Organic	2-Fluorophenol	n/a	=	36	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/6/2012	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	6	96	
2011/12-3	MO-OXN	srgt environ	4/10/2012	Organic	2-Fluorophenol	n/a	=	5.35	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/10/2012	Organic	2-Fluorophenol	n/a	=	27	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	MO-SIM	srgt environ	4/6/2012	Organic	2-Fluorophenol	n/a	=	30	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/6/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	6	96	
2011/12-3	MO-SIM	srgt environ	4/10/2012	Organic	2-Fluorophenol	n/a	=	7.56	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/10/2012	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	MO-SPA	srgt environ	4/6/2012	Organic	2-Fluorophenol	n/a	=	30.1	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	4/6/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	6	96	
2011/12-3	MO-SPA	srgt environ	4/10/2012	Organic	2-Fluorophenol	n/a	=	6.42	µg/L	EPA 8270Cm	-88	-88			D
2011/12-3	MO-SPA	srgt environ, rec	4/10/2012	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270Cm	-88	-88	24	82	D
2011/12-3	MO-THO	srgt environ	4/6/2012	Organic	2-Fluorophenol	n/a	=	34.3	µg/L	EPA 625	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/6/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	6	96	
2011/12-3	MO-THO	srgt environ	4/10/2012	Organic	2-Fluorophenol	n/a	=	6.36	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/10/2012	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	MO-VEN	srgt environ	4/6/2012	Organic	2-Fluorophenol	n/a	=	24.7	µg/L	EPA 625	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/6/2012	Organic	2-Fluorophenol	n/a	=	25	%	EPA 625	-88	-88	6	96	
2011/12-3	MO-VEN	srgt environ	4/10/2012	Organic	2-Fluorophenol	n/a	=	5.21	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/10/2012	Organic	2-Fluorophenol	n/a	=	26	%	EPA 8270Cm	-88	-88	24	82	
2011/12-3	Lab	method blank	4/9/2012	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2011/12-3	Lab	LCS	4/9/2012	Organic	2-Nitrophenol	n/a	=	5.81	µg/L	EPA 8270Cm	0.71	1			
2011/12-3	Lab	LCS dup	4/9/2012	Organic	2-Nitrophenol	n/a	=	6.5	µg/L	EPA 8270Cm	0.71	1			
2011/12-3	Lab	LCS dup, rec	4/9/2012	Organic	2-Nitrophenol	n/a	=	65	%	EPA 8270Cm	-88	-88	48	197	
2011/12-3	Lab	LCS, rec	4/9/2012	Organic	2-Nitrophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	48	197	
2011/12-3	Lab	LCS, RPD	4/9/2012	Organic	2-Nitrophenol	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/9/2012	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	32.7	µg/L	EPA 625	1.2	5			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	45.8	µg/L	EPA 625	1.2	5			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	92	%	EPA 625	-88	-88	0.1	262	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	65	%	EPA 625	-88	-88	0.1	262	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	33	%	EPA 625	-88	-88	0	30	IL
2011/12-3	Lab	method blank	4/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-3	Lab	method blank	4/9/2012	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-3	Lab	LCS	4/9/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.66	µg/L	EPA 8270Cm	0.14	1			
2011/12-3	Lab	LCS dup	4/9/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8.24	µg/L	EPA 8270Cm	0.14	1			
2011/12-3	Lab	LCS dup, rec	4/9/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	82	%	EPA 8270Cm	-88	-88	56	227	
2011/12-3	Lab	LCS, rec	4/9/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	77	%	EPA 8270Cm	-88	-88	56	227	
2011/12-3	Lab	LCS, RPD	4/9/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/9/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2011/12-3	Lab	srgt LCS	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	11.9	µg/L	EPA 524.2	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	srgt LCS dup	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	12	µg/L	EPA 524.2	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	120	%	EPA 524.2	-88	-88	70	130	
2011/12-3	Lab	srgt LCS, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	119	%	EPA 524.2	-88	-88	70	130	
2011/12-3	Lab	srgt method blank	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	9.75	µg/L	EPA 524.2	-88	-88			
2011/12-3	Lab	srgt method blank, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2011/12-3	ME-CC	srgt environ	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	8.99	µg/L	EPA 524.2	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2011/12-3	ME-SCR	srgt environ	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	8.77	µg/L	EPA 524.2	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-3	ME-VR2	srgt environ	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	8.18	µg/L	EPA 524.2	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-CAM	srgt environ	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	8.55	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-FIL	srgt environ	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	8.69	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	87	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-HUE	srgt environ	3/20/2012	Organic	4-Bromofluorobenzene	n/a	=	8.84	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	3/20/2012	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-MEI	srgt environ	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	8.5	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-MEI	srgt field blank	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	9.16	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-MEI	srgt field blank, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 524.2	-88	-88			
2011/12-3	MO-MPK	srgt environ	3/20/2012	Organic	4-Bromofluorobenzene	n/a	=	9	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	3/20/2012	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-OJA	srgt environ	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	8.9	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	89	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-OXN	srgt environ	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	9.41	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-SIM	srgt environ	3/20/2012	Organic	4-Bromofluorobenzene	n/a	=	8.95	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	3/20/2012	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-SPA	srgt environ	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-THO	srgt environ	3/20/2012	Organic	4-Bromofluorobenzene	n/a	=	8.84	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	3/20/2012	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-3	MO-VEN	srgt environ	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	9.82	µg/L	EPA 524.2	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	3/19/2012	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2011/12-3	Lab	LCS	4/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	31.1	µg/L	EPA 625	0.36	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	31	µg/L	EPA 625	0.36	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	62	%	EPA 625	-88	-88	56	127	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	62	%	EPA 625	-88	-88	56	127	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-3	Lab	LCS	4/9/2012	Organic	4-Chloro-3-methylphenol	n/a	=	6.77	µg/L	EPA 8270Cm	0.37	1			
2011/12-3	Lab	LCS dup	4/9/2012	Organic	4-Chloro-3-methylphenol	n/a	=	7.38	µg/L	EPA 8270Cm	0.37	1			
2011/12-3	Lab	LCS dup, rec	4/9/2012	Organic	4-Chloro-3-methylphenol	n/a	=	74	%	EPA 8270Cm	-88	-88	51	112	
2011/12-3	Lab	LCS, rec	4/9/2012	Organic	4-Chloro-3-methylphenol	n/a	=	68	%	EPA 8270Cm	-88	-88	51	112	
2011/12-3	Lab	LCS, RPD	4/9/2012	Organic	4-Chloro-3-methylphenol	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/9/2012	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS	4/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	33.8	µg/L	EPA 625	0.41	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	32.3	µg/L	EPA 625	0.41	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	65	%	EPA 625	-88	-88	25	158	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	68	%	EPA 625	-88	-88	25	158	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-3	Lab	LCS	4/9/2012	Organic	4-Nitrophenol	n/a	=	3.02	µg/L	EPA 8270Cm	1	2			
2011/12-3	Lab	LCS dup	4/9/2012	Organic	4-Nitrophenol	n/a	=	3.07	µg/L	EPA 8270Cm	1	2			
2011/12-3	Lab	LCS dup, rec	4/9/2012	Organic	4-Nitrophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	15	73	
2011/12-3	Lab	LCS, rec	4/9/2012	Organic	4-Nitrophenol	n/a	=	30	%	EPA 8270Cm	-88	-88	15	73	
2011/12-3	Lab	LCS, RPD	4/9/2012	Organic	4-Nitrophenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/9/2012	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-3	Lab	LCS	4/10/2012	Organic	Acenaphthene	n/a	=	6.99	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Acenaphthene	n/a	=	7.6	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Acenaphthene	n/a	=	76	%	EPA 8270Cm	-88	-88	47	145	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Acenaphthene	n/a	=	70	%	EPA 8270Cm	-88	-88	47	145	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Acenaphthene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-3	Lab	LCS	4/10/2012	Organic	Acenaphthylene	n/a	=	7.44	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Acenaphthylene	n/a	=	8.26	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Acenaphthylene	n/a	=	83	%	EPA 8270Cm	-88	-88	33	145	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Acenaphthylene	n/a	=	74	%	EPA 8270Cm	-88	-88	33	145	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Acenaphthylene	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-3	Lab	LCS	4/10/2012	Organic	Anthracene	n/a	=	8.33	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Anthracene	n/a	=	8.89	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Anthracene	n/a	=	89	%	EPA 8270Cm	-88	-88	27	133	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Anthracene	n/a	=	83	%	EPA 8270Cm	-88	-88	27	133	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Anthracene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-3	Lab	LCS	4/10/2012	Organic	Benz(a)anthracene	n/a	=	7.99	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Benz(a)anthracene	n/a	=	8.55	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Benz(a)anthracene	n/a	=	86	%	EPA 8270Cm	-88	-88	33	143	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Benz(a)anthracene	n/a	=	80	%	EPA 8270Cm	-88	-88	33	143	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Benz(a)anthracene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-3	Lab	method blank	4/5/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-3	Lab	LCS	3/28/2012	Organic	Benzo(a)pyrene	n/a	=	5.27	µg/L	EPA 525.2	0.07	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Organic	Benzo(a)pyrene	n/a	=	5.44	µg/L	EPA 525.2	0.07	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Organic	Benzo(a)pyrene	n/a	=	109	%	EPA 525.2	-88	-88	54	136	
2011/12-3	Lab	LCS, rec	3/28/2012	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 525.2	-88	-88	54	136	
2011/12-3	Lab	LCS, RPD	3/28/2012	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-3	Lab	LCS	4/10/2012	Organic	Benzo(b)fluoranthene	n/a	=	7.52	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Benzo(b)fluoranthene	n/a	=	7.85	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Benzo(b)fluoranthene	n/a	=	78	%	EPA 8270Cm	-88	-88	24	159	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Benzo(b)fluoranthene	n/a	=	75	%	EPA 8270Cm	-88	-88	24	159	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-3	Lab	LCS	4/10/2012	Organic	Benzo(g,h,i)perylene	n/a	=	7.66	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Benzo(g,h,i)perylene	n/a	=	8.4	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Benzo(g,h,i)perylene	n/a	=	84	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Benzo(g,h,i)perylene	n/a	=	77	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Benzo(g,h,i)perylene	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-3	Lab	LCS	4/10/2012	Organic	Benzo(k)fluoranthene	n/a	=	7.75	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Benzo(k)fluoranthene	n/a	=	8.03	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Benzo(k)fluoranthene	n/a	=	80	%	EPA 8270Cm	-88	-88	11	162	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Benzo(k)fluoranthene	n/a	=	78	%	EPA 8270Cm	-88	-88	11	162	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-3	Lab	LCS	4/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	35.2	µg/L	EPA 625	0.25	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	39.1	µg/L	EPA 625	0.25	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625	-88	-88	33	184	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	70	%	EPA 625	-88	-88	33	184	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	33.1	µg/L	EPA 625	0.27	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	36.6	µg/L	EPA 625	0.27	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	73	%	EPA 625	-88	-88	12	158	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	66	%	EPA 625	-88	-88	12	158	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	39.6	µg/L	EPA 625	0.38	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	40.5	µg/L	EPA 625	0.38	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	81	%	EPA 625	-88	-88	36	166	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	79	%	EPA 625	-88	-88	36	166	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-3	Lab	LCS	3/28/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.32	µg/L	EPA 525.2	0.1	5			
2011/12-3	Lab	LCS dup	3/28/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.02	µg/L	EPA 525.2	0.1	5			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	120	%	EPA 525.2	-88	-88	50	145	
2011/12-3	Lab	LCS, rec	3/28/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	126	%	EPA 525.2	-88	-88	50	145	
2011/12-3	Lab	LCS, RPD	3/28/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-3	Lab	LCS	3/28/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.23	µg/L	EPA 525.2	1.1	3			
2011/12-3	Lab	LCS dup	3/28/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.82	µg/L	EPA 525.2	1.1	3			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	116	%	EPA 525.2	-88	-88	54	142	
2011/12-3	Lab	LCS, rec	3/28/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	125	%	EPA 525.2	-88	-88	54	142	
2011/12-3	Lab	LCS, RPD	3/28/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2011/12-3	Lab	LCS	4/5/2012	Organic	Butyl benzyl phthalate	n/a	=	44.6	µg/L	EPA 625	0.18	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Butyl benzyl phthalate	n/a	=	46.8	µg/L	EPA 625	0.18	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Butyl benzyl phthalate	n/a	=	94	%	EPA 625	-88	-88	0.1	152	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Butyl benzyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	152	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Butyl benzyl phthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-3	Lab	LCS	4/10/2012	Organic	Chrysene	n/a	=	8.6	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Chrysene	n/a	=	8.94	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Chrysene	n/a	=	89	%	EPA 8270Cm	-88	-88	17	168	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Chrysene	n/a	=	86	%	EPA 8270Cm	-88	-88	17	168	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Chrysene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Chrysene	n/a	DNQ	0.09	µg/L	EPA 8270Cm	0.09	0.5			IP
2011/12-3	Lab	LCS	4/10/2012	Organic	Dibenz(a,h)anthracene	n/a	=	7.64	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Dibenz(a,h)anthracene	n/a	=	8.41	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Dibenz(a,h)anthracene	n/a	=	84	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Dibenz(a,h)anthracene	n/a	=	76	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Dibenz(a,h)anthracene	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Dibenz(a,h)anthracene	n/a	DNQ	0.13	µg/L	EPA 8270Cm	0.13	0.5			IP
2011/12-3	Lab	LCS	4/5/2012	Organic	Diethyl phthalate	n/a	=	37.7	µg/L	EPA 625	0.15	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Diethyl phthalate	n/a	=	41.2	µg/L	EPA 625	0.15	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	112	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Diethyl phthalate	n/a	=	75	%	EPA 625	-88	-88	0.1	112	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Diethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	Dimethyl phthalate	n/a	=	38.6	µg/L	EPA 625	0.18	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Dimethyl phthalate	n/a	=	41	µg/L	EPA 625	0.18	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Dimethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	112	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Dimethyl phthalate	n/a	=	77	%	EPA 625	-88	-88	0.1	112	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Dimethyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	Di-n-butylphthalate	n/a	=	40.3	µg/L	EPA 625	0.24	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Di-n-butylphthalate	n/a	=	43.6	µg/L	EPA 625	0.24	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Di-n-butylphthalate	n/a	=	87	%	EPA 625	-88	-88	1	118	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Di-n-butylphthalate	n/a	=	81	%	EPA 625	-88	-88	1	118	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Di-n-butylphthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	Di-n-octylphthalate	n/a	=	50.9	µg/L	EPA 625	0.19	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Di-n-octylphthalate	n/a	=	51.7	µg/L	EPA 625	0.19	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Di-n-octylphthalate	n/a	=	103	%	EPA 625	-88	-88	6	146	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Di-n-octylphthalate	n/a	=	102	%	EPA 625	-88	-88	6	146	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-3	Lab	LCS	4/10/2012	Organic	Fluoranthene	n/a	=	8.71	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Fluoranthene	n/a	=	9.27	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Fluoranthene	n/a	=	93	%	EPA 8270Cm	-88	-88	26	137	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Fluoranthene	n/a	=	87	%	EPA 8270Cm	-88	-88	26	137	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Fluoranthene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-3	Lab	LCS	4/10/2012	Organic	Fluorene	n/a	=	7.68	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Fluorene	n/a	=	8.36	µg/L	EPA 8270Cm	0.15	0.5			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Fluorene	n/a	=	84	%	EPA 8270Cm	-88	-88	59	121	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Fluorene	n/a	=	77	%	EPA 8270Cm	-88	-88	59	121	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Fluorene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-3	Lab	LCS	4/5/2012	Organic	Hexachlorobenzene	n/a	=	34.2	µg/L	EPA 625	0.49	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Hexachlorobenzene	n/a	=	36	µg/L	EPA 625	0.49	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Hexachlorobenzene	n/a	=	72	%	EPA 625	-88	-88	0.1	152	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Hexachlorobenzene	n/a	=	68	%	EPA 625	-88	-88	0.1	152	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Hexachlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	Hexachlorobutadiene	n/a	=	33.7	µg/L	EPA 625	0.47	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Hexachlorobutadiene	n/a	=	23.4	µg/L	EPA 625	0.47	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Hexachlorobutadiene	n/a	=	47	%	EPA 625	-88	-88	24	116	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Hexachlorobutadiene	n/a	=	67	%	EPA 625	-88	-88	24	116	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Hexachlorobutadiene	n/a	=	36	%	EPA 625	-88	-88	0	30	IL
2011/12-3	Lab	method blank	4/5/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	15.7	µg/L	EPA 625	1.5	5			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	10.8	µg/L	EPA 625	1.5	5			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	22	%	EPA 625	-88	-88	0.1	136	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	31	%	EPA 625	-88	-88	0.1	136	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	37	%	EPA 625	-88	-88	0	30	IL
2011/12-3	Lab	method blank	4/5/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-3	Lab	LCS	4/5/2012	Organic	Hexachloroethane	n/a	=	31.9	µg/L	EPA 625	0.52	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Hexachloroethane	n/a	=	22.3	µg/L	EPA 625	0.52	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Hexachloroethane	n/a	=	45	%	EPA 625	-88	-88	40	113	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Hexachloroethane	n/a	=	64	%	EPA 625	-88	-88	40	113	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Hexachloroethane	n/a	=	36	%	EPA 625	-88	-88	0	30	IL
2011/12-3	Lab	method blank	4/5/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-3	Lab	LCS	4/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.67	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.39	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	84	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	77	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.11	µg/L	EPA 8270Cm	0.1	0.5			IP
2011/12-3	Lab	LCS	4/5/2012	Organic	Isophorone	n/a	=	34	µg/L	EPA 625	0.21	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Isophorone	n/a	=	37.3	µg/L	EPA 625	0.21	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Isophorone	n/a	=	75	%	EPA 625	-88	-88	21	196	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Isophorone	n/a	=	68	%	EPA 625	-88	-88	21	196	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Isophorone	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-3	Lab	LCS	3/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.51	µg/L	EPA 524.2	0.19	2			
2011/12-3	Lab	LCS dup	3/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.88	µg/L	EPA 524.2	0.19	2			
2011/12-3	Lab	LCS dup, rec	3/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2011/12-3	Lab	LCS, rec	3/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2011/12-3	Lab	LCS, RPD	3/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6	%	EPA 524.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2011/12-3	MO-MEI	field blank	3/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS	4/10/2012	Organic	Naphthalene	n/a	=	6.16	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Naphthalene	n/a	=	6.8	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Naphthalene	n/a	=	68	%	EPA 8270Cm	-88	-88	21	133	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Naphthalene	n/a	=	62	%	EPA 8270Cm	-88	-88	21	133	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Naphthalene	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-3	Lab	LCS	4/5/2012	Organic	Nitrobenzene	n/a	=	36.7	µg/L	EPA 625	0.36	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	Nitrobenzene	n/a	=	39.6	µg/L	EPA 625	0.36	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	Nitrobenzene	n/a	=	79	%	EPA 625	-88	-88	35	180	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	Nitrobenzene	n/a	=	73	%	EPA 625	-88	-88	35	180	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	Nitrobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-3	Lab	srgt LCS	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	36	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	39	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	34	139	
2011/12-3	Lab	srgt LCS, rec	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	34	139	
2011/12-3	Lab	srgt method blank	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	39.2	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	34	139	
2011/12-3	Lab	srgt LCS	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	5.49	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	6.21	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	Lab	srgt LCS, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	Lab	srgt method blank	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	6.31	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	ME-CC	srgt environ	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	34	139	
2011/12-3	ME-CC	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	5.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	ME-SCR	srgt environ	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	42	%	EPA 625	-88	-88	34	139	
2011/12-3	ME-SCR	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	3.43	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-3	ME-SCR	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	34	%	EPA 8270Cm	-88	-88	51	143	GN
2011/12-3	ME-VR2	srgt environ	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	41.2	µg/L	EPA 625	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	34	139	
2011/12-3	ME-VR2	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	4.54	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-3	ME-VR2	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	45	%	EPA 8270Cm	-88	-88	51	143	GN
2011/12-3	MO-CAM	srgt environ	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	37.2	µg/L	EPA 625	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/5/2012	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-CAM	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	7.54	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	MO-FIL	srgt environ	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	42.2	µg/L	EPA 625	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-FIL	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	7.67	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	MO-HUE	srgt environ	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	28.5	µg/L	EPA 625	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-HUE	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	6.38	µg/L	EPA 8270Cm	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	MO-HUE	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	MO-MEI	srgt environ	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	38.3	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-MEI	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	5.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	MO-MPK	srgt environ	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	24.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	49	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-MPK	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	7.04	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	MO-OJA	srgt environ	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	33.2	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-OJA	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	8.03	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	MO-OXN	srgt environ	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	37.9	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-OXN	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	5.07	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	MO-SIM	srgt environ	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	37.6	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-SIM	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	7.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	MO-SPA	srgt environ	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	35.5	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-SPA	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	6.3	µg/L	EPA 8270Cm	-88	-88			D
2011/12-3	MO-SPA	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270Cm	-88	-88	51	143	D
2011/12-3	MO-THO	srgt environ	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	36.9	µg/L	EPA 625	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-THO	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	6.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	MO-VEN	srgt environ	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	30.2	µg/L	EPA 625	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/6/2012	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 625	-88	-88	34	139	
2011/12-3	MO-VEN	srgt environ	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	5.07	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/10/2012	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 8270Cm	-88	-88	51	143	
2011/12-3	Lab	LCS	4/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	19.8	µg/L	EPA 625	0.14	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	21.6	µg/L	EPA 625	0.14	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	43	%	EPA 625	-88	-88	27	78	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	40	%	EPA 625	-88	-88	27	78	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	34.6	µg/L	EPA 625	0.26	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	38.5	µg/L	EPA 625	0.26	1			
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	77	%	EPA 625	-88	-88	0.1	230	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	69	%	EPA 625	-88	-88	0.1	230	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-3	Lab	LCS	4/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	30.5	µg/L	EPA 625	0.19	1			
2011/12-3	Lab	LCS dup	4/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	33.6	µg/L	EPA 625	0.19	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS dup, rec	4/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	67	%	EPA 625	-88	-88	48	129	
2011/12-3	Lab	LCS, rec	4/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	61	%	EPA 625	-88	-88	48	129	
2011/12-3	Lab	LCS, RPD	4/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-3	Lab	method blank	4/5/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-3	Lab	srgt LCS	3/28/2012	Organic	Perylene-d12	n/a	=	6.23	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS dup	3/28/2012	Organic	Perylene-d12	n/a	=	6.42	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	3/28/2012	Organic	Perylene-d12	n/a	=	128	%	EPA 525.2	-88	-88	48	141	
2011/12-3	Lab	srgt LCS, rec	3/28/2012	Organic	Perylene-d12	n/a	=	125	%	EPA 525.2	-88	-88	48	141	
2011/12-3	Lab	srgt method blank	3/28/2012	Organic	Perylene-d12	n/a	=	6.41	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt method blank, rec	3/28/2012	Organic	Perylene-d12	n/a	=	128	%	EPA 525.2	-88	-88	48	141	
2011/12-3	ME-CC	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	4.26	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	85	%	EPA 525.2	-88	-88	48	141	
2011/12-3	ME-SCR	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	3.97	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	48	141	
2011/12-3	ME-VR2	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	6.48	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	130	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-CAM	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	107	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-FIL	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	4.32	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-HUE	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	3.72	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	74	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-MEI	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-MPK	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	4.02	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-OJA	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-OXN	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	4.29	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-SIM	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	5.12	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-SPA	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	3.67	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	73	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-THO	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	48	141	
2011/12-3	MO-VEN	srgt environ	3/28/2012	Organic	Perylene-d12	n/a	=	3.45	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	3/28/2012	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	48	141	
2011/12-3	Lab	LCS	4/10/2012	Organic	Phenanthrene	n/a	=	7.78	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Phenanthrene	n/a	=	8.39	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Phenanthrene	n/a	=	84	%	EPA 8270Cm	-88	-88	54	120	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Phenanthrene	n/a	=	78	%	EPA 8270Cm	-88	-88	54	120	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Phenanthrene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-3	Lab	LCS	4/9/2012	Organic	Phenol	n/a	=	2.1	µg/L	EPA 8270Cm	0.35	1			
2011/12-3	Lab	LCS dup	4/9/2012	Organic	Phenol	n/a	=	2.35	µg/L	EPA 8270Cm	0.35	1			
2011/12-3	Lab	LCS dup, rec	4/9/2012	Organic	Phenol	n/a	=	24	%	EPA 8270Cm	-88	-88	14	40	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS, rec	4/9/2012	Organic	Phenol	n/a	=	21	%	EPA 8270Cm	-88	-88	14	40	
2011/12-3	Lab	LCS, RPD	4/9/2012	Organic	Phenol	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/9/2012	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2011/12-3	Lab	srgt LCS	4/5/2012	Organic	Phenol-d5	n/a	=	25.5	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/5/2012	Organic	Phenol-d5	n/a	=	27.1	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/5/2012	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	2	70	
2011/12-3	Lab	srgt LCS, rec	4/5/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	
2011/12-3	Lab	srgt method blank	4/5/2012	Organic	Phenol-d5	n/a	=	28.7	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/5/2012	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2011/12-3	Lab	srgt LCS	4/9/2012	Organic	Phenol-d5	n/a	=	3.91	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/9/2012	Organic	Phenol-d5	n/a	=	4.51	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/9/2012	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	Lab	srgt LCS, rec	4/9/2012	Organic	Phenol-d5	n/a	=	20	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	Lab	srgt method blank	4/9/2012	Organic	Phenol-d5	n/a	=	4.81	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/9/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	ME-CC	srgt environ	4/5/2012	Organic	Phenol-d5	n/a	=	22.5	µg/L	EPA 625	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/5/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	
2011/12-3	ME-CC	srgt environ	4/9/2012	Organic	Phenol-d5	n/a	=	4.21	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/9/2012	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	ME-SCR	srgt environ	4/5/2012	Organic	Phenol-d5	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/5/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	
2011/12-3	ME-SCR	srgt environ	4/9/2012	Organic	Phenol-d5	n/a	=	4.27	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/9/2012	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	ME-VR2	srgt environ	4/5/2012	Organic	Phenol-d5	n/a	=	28.2	µg/L	EPA 625	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	4/5/2012	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	
2011/12-3	ME-VR2	srgt environ	4/9/2012	Organic	Phenol-d5	n/a	=	3.32	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	4/9/2012	Organic	Phenol-d5	n/a	=	17	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	MO-CAM	srgt environ	4/5/2012	Organic	Phenol-d5	n/a	=	23.7	µg/L	EPA 625	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/5/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-CAM	srgt environ	4/9/2012	Organic	Phenol-d5	n/a	=	4.89	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/9/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	MO-FIL	srgt environ	4/6/2012	Organic	Phenol-d5	n/a	=	26.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/6/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-FIL	srgt environ	4/10/2012	Organic	Phenol-d5	n/a	=	5.62	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/10/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	MO-HUE	srgt environ	4/6/2012	Organic	Phenol-d5	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/6/2012	Organic	Phenol-d5	n/a	=	19	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-HUE	srgt environ	4/10/2012	Organic	Phenol-d5	n/a	=	4.55	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/10/2012	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	MO-MEI	srgt environ	4/6/2012	Organic	Phenol-d5	n/a	=	22.7	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/6/2012	Organic	Phenol-d5	n/a	=	23	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-MEI	srgt environ	4/9/2012	Organic	Phenol-d5	n/a	=	3.74	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/9/2012	Organic	Phenol-d5	n/a	=	19	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	MO-MPK	srgt environ	4/6/2012	Organic	Phenol-d5	n/a	=	12.6	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/6/2012	Organic	Phenol-d5	n/a	=	13	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-MPK	srgt environ	4/10/2012	Organic	Phenol-d5	n/a	=	4.21	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/10/2012	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	MO-OJA	srgt environ	4/6/2012	Organic	Phenol-d5	n/a	=	22.3	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/6/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-OJA	srgt environ	4/9/2012	Organic	Phenol-d5	n/a	=	5.21	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/9/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	MO-OXN	srgt environ	4/6/2012	Organic	Phenol-d5	n/a	=	26.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/6/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-OXN	srgt environ	4/10/2012	Organic	Phenol-d5	n/a	=	3.94	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/10/2012	Organic	Phenol-d5	n/a	=	20	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	MO-SIM	srgt environ	4/6/2012	Organic	Phenol-d5	n/a	=	19	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/6/2012	Organic	Phenol-d5	n/a	=	19	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-SIM	srgt environ	4/10/2012	Organic	Phenol-d5	n/a	=	4.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/10/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	MO-SPA	srgt environ	4/6/2012	Organic	Phenol-d5	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	4/6/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-SPA	srgt environ	4/10/2012	Organic	Phenol-d5	n/a	=	4.32	µg/L	EPA 8270Cm	-88	-88			D
2011/12-3	MO-SPA	srgt environ, rec	4/10/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 8270Cm	-88	-88	13	58	D
2011/12-3	MO-THO	srgt environ	4/6/2012	Organic	Phenol-d5	n/a	=	24.6	µg/L	EPA 625	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/6/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-THO	srgt environ	4/10/2012	Organic	Phenol-d5	n/a	=	4.39	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/10/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	MO-VEN	srgt environ	4/6/2012	Organic	Phenol-d5	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/6/2012	Organic	Phenol-d5	n/a	=	19	%	EPA 625	-88	-88	2	70	
2011/12-3	MO-VEN	srgt environ	4/10/2012	Organic	Phenol-d5	n/a	=	3.89	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/10/2012	Organic	Phenol-d5	n/a	=	19	%	EPA 8270Cm	-88	-88	13	58	
2011/12-3	Lab	srgt LCS	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	39.6	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	41.7	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625	-88	-88	6	145	
2011/12-3	Lab	srgt LCS, rec	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	6	145	
2011/12-3	Lab	srgt method blank	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	40.5	µg/L	EPA 625	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625	-88	-88	6	145	
2011/12-3	Lab	srgt LCS	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	7.95	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	8.54	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	Lab	srgt LCS, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	Lab	srgt method blank	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	8.57	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	ME-CC	srgt environ	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	38	µg/L	EPA 625	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	6	145	
2011/12-3	ME-CC	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	7.26	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	ME-SCR	srgt environ	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	33	%	EPA 625	-88	-88	6	145	
2011/12-3	ME-SCR	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	7.29	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	ME-VR2	srgt environ	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	41.6	µg/L	EPA 625	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625	-88	-88	6	145	
2011/12-3	ME-VR2	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	7.7	µg/L	EPA 8270Cm	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	ME-VR2	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	MO-CAM	srgt environ	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	38.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/5/2012	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-CAM	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	7.79	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	MO-FIL	srgt environ	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	41.4	µg/L	EPA 625	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-FIL	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	7.73	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	MO-HUE	srgt environ	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-HUE	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	6.74	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	MO-MEI	srgt environ	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	39.7	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-MEI	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	6.85	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	MO-MPK	srgt environ	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	34.2	µg/L	EPA 625	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-MPK	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	6.59	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	MO-OJA	srgt environ	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	37	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-OJA	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	7.36	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	MO-OXN	srgt environ	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	40.8	µg/L	EPA 625	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-OXN	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	7.04	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	MO-SIM	srgt environ	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	38.8	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-SIM	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	7.35	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	MO-SPA	srgt environ	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	39.7	µg/L	EPA 625	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-SPA	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	6.06	µg/L	EPA 8270Cm	-88	-88			D
2011/12-3	MO-SPA	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	61	%	EPA 8270Cm	-88	-88	19	134	D
2011/12-3	MO-THO	srgt environ	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	38.6	µg/L	EPA 625	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-THO	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	6.35	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	MO-VEN	srgt environ	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	33.5	µg/L	EPA 625	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/6/2012	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	6	145	
2011/12-3	MO-VEN	srgt environ	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	6.22	µg/L	EPA 8270Cm	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/10/2012	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270Cm	-88	-88	19	134	
2011/12-3	Lab	LCS	4/10/2012	Organic	Pyrene	n/a	=	8.65	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-3	Lab	LCS dup	4/10/2012	Organic	Pyrene	n/a	=	9.17	µg/L	EPA 8270Cm	0.21	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	
2011/12-3	Lab	LCS dup, rec	4/10/2012	Organic	Pyrene	n/a	=	92	%	EPA 8270Cm	-88	-88	52	115	
2011/12-3	Lab	LCS, rec	4/10/2012	Organic	Pyrene	n/a	=	86	%	EPA 8270Cm	-88	-88	52	115	
2011/12-3	Lab	LCS, RPD	4/10/2012	Organic	Pyrene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-3	Lab	method blank	4/10/2012	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-3	Lab	srgt LCS	4/6/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0683	µg/L	EPA 608	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/6/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0674	µg/L	EPA 608	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/6/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608	-88	-88	26	131	
2011/12-3	Lab	srgt LCS, rec	4/6/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608	-88	-88	26	131	
2011/12-3	Lab	srgt method blank	4/6/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0796	µg/L	EPA 608	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/6/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608	-88	-88	26	131	
2011/12-3	ME-CC	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.054	µg/L	EPA 608	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608	-88	-88	26	131	
2011/12-3	ME-SCR	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0369	µg/L	EPA 608	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	37	%	EPA 608	-88	-88	26	131	
2011/12-3	ME-VR2	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.072	µg/L	EPA 608	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-CAM	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0597	µg/L	EPA 608	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-FIL	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0524	µg/L	EPA 608	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-HUE	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0389	µg/L	EPA 608	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	39	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-MEI	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0589	µg/L	EPA 608	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-MPK	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0523	µg/L	EPA 608	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-OJA	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0518	µg/L	EPA 608	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-OXN	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0424	µg/L	EPA 608	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	42	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-SIM	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0697	µg/L	EPA 608	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-SPA	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0495	µg/L	EPA 608	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-THO	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0625	µg/L	EPA 608	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	26	131	
2011/12-3	MO-VEN	srgt environ	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0531	µg/L	EPA 608	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/7/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	53	%	EPA 608	-88	-88	26	131	
2011/12-3	000NONPJ	srgt matrix spike	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.52	µg/L	EPA 525.2	-88	-88			
2011/12-3	000NONPJ	srgt matrix spike dup	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.579	µg/L	EPA 525.2	-88	-88			
2011/12-3	000NONPJ	srgt matrix spike dup, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	71	150	
2011/12-3	000NONPJ	srgt matrix spike, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	71	150	
2011/12-3	000NONPJ	srgt matrix spike	3/30/2012	Organic	Triphenylphosphate	n/a	=	0.484	µg/L	EPA 525.2	-88	-88			
2011/12-3	000NONPJ	srgt matrix spike dup	3/30/2012	Organic	Triphenylphosphate	n/a	=	0.525	µg/L	EPA 525.2	-88	-88			
2011/12-3	000NONPJ	srgt matrix spike dup, rec	3/30/2012	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2011/12-3	000NONPJ	srgt matrix spike, rec	3/30/2012	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	71	150	
2011/12-3	Lab	srgt LCS	3/28/2012	Organic	Triphenylphosphate	n/a	=	5.87	µg/L	EPA 525.2	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	srgt LCS	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.51	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS dup	3/28/2012	Organic	Triphenylphosphate	n/a	=	5.57	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	71	150	
2011/12-3	Lab	srgt LCS, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	71	150	
2011/12-3	Lab	srgt LCS, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-3	Lab	srgt method blank	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.553	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt method blank	3/28/2012	Organic	Triphenylphosphate	n/a	=	5.37	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt method blank, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	71	150	
2011/12-3	Lab	srgt method blank, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	71	150	
2011/12-3	Lab	srgt LCS	3/30/2012	Organic	Triphenylphosphate	n/a	=	0.465	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS, rec	3/30/2012	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2	-88	-88	71	150	
2011/12-3	Lab	srgt method blank	3/30/2012	Organic	Triphenylphosphate	n/a	=	0.525	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt method blank, rec	3/30/2012	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2011/12-3	Lab	srgt LCS	4/3/2012	Organic	Triphenylphosphate	n/a	=	0.435	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt LCS, rec	4/3/2012	Organic	Triphenylphosphate	n/a	=	87	%	EPA 525.2	-88	-88	71	150	
2011/12-3	Lab	srgt method blank	4/3/2012	Organic	Triphenylphosphate	n/a	=	0.456	µg/L	EPA 525.2	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/3/2012	Organic	Triphenylphosphate	n/a	=	91	%	EPA 525.2	-88	-88	71	150	
2011/12-3	ME-CC	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	5.95	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-CC	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.568	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	
2011/12-3	ME-CC	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	71	150	
2011/12-3	ME-SCR	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.87	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-SCR	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.501	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	137	%	EPA 525.2	-88	-88	71	150	
2011/12-3	ME-SCR	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2011/12-3	ME-VR2	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.598	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-VR2	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.09	µg/L	EPA 525.2	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	71	150	
2011/12-3	ME-VR2	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-CAM	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.48	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-CAM	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.528	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-CAM	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-FIL	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	5.92	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-FIL	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.531	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-FIL	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-HUE	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.23	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-HUE	srgt environ	4/3/2012	Organic	Triphenylphosphate	n/a	=	0.654	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-HUE	srgt environ, rec	4/3/2012	Organic	Triphenylphosphate	n/a	=	131	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-MEI	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.494	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-MEI	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.95	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-MEI	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-MPK	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	5.89	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	71	150	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	MO-MPK	srgt environ	4/3/2012	Organic	Triphenylphosphate	n/a	=	0.607	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/3/2012	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-OJA	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.536	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-OJA	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.67	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-OJA	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-OXN	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.33	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-OXN	srgt environ	4/3/2012	Organic	Triphenylphosphate	n/a	=	0.701	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/3/2012	Organic	Triphenylphosphate	n/a	=	140	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-SIM	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.37	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-SIM	srgt environ	4/3/2012	Organic	Triphenylphosphate	n/a	=	0.57	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/3/2012	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-SIM	srgt matrix spike	4/3/2012	Organic	Triphenylphosphate	n/a	=	0.589	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SIM	srgt matrix spike dup	4/3/2012	Organic	Triphenylphosphate	n/a	=	0.617	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SIM	srgt matrix spike dup, rec	4/3/2012	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-SIM	srgt matrix spike, rec	4/3/2012	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-SPA	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	0.538	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SPA	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.05	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-SPA	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-THO	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.53	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	131	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-THO	srgt environ	4/3/2012	Organic	Triphenylphosphate	n/a	=	0.606	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/3/2012	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-VEN	srgt environ	3/28/2012	Organic	Triphenylphosphate	n/a	=	6.4	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	3/28/2012	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	71	150	
2011/12-3	MO-VEN	srgt environ	3/30/2012	Organic	Triphenylphosphate	n/a	=	0.531	µg/L	EPA 525.2	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	3/30/2012	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2011/12-3	Lab	srgt LCS	4/6/2012	PCB	PCB 209	n/a	=	0.036	µg/L	EPA 608	-88	-88			
2011/12-3	Lab	srgt LCS dup	4/6/2012	PCB	PCB 209	n/a	=	0.0746	µg/L	EPA 608	-88	-88			
2011/12-3	Lab	srgt LCS dup, rec	4/6/2012	PCB	PCB 209	n/a	=	75	%	EPA 608	-88	-88	0.1	154	
2011/12-3	Lab	srgt LCS, rec	4/6/2012	PCB	PCB 209	n/a	=	36	%	EPA 608	-88	-88	0.1	154	
2011/12-3	Lab	srgt method blank	4/6/2012	PCB	PCB 209	n/a	=	0.0549	µg/L	EPA 608	-88	-88			
2011/12-3	Lab	srgt method blank, rec	4/6/2012	PCB	PCB 209	n/a	=	55	%	EPA 608	-88	-88	0.1	154	
2011/12-3	ME-CC	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0374	µg/L	EPA 608	-88	-88			
2011/12-3	ME-CC	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	154	
2011/12-3	ME-SCR	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0198	µg/L	EPA 608	-88	-88			
2011/12-3	ME-SCR	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	20	%	EPA 608	-88	-88	0.1	154	
2011/12-3	ME-VR2	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0538	µg/L	EPA 608	-88	-88			
2011/12-3	ME-VR2	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-CAM	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0369	µg/L	EPA 608	-88	-88			
2011/12-3	MO-CAM	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-FIL	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0449	µg/L	EPA 608	-88	-88			
2011/12-3	MO-FIL	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	45	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-HUE	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0367	µg/L	EPA 608	-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	
2011/12-3	MO-HUE	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-MEI	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0321	µg/L	EPA 608	-88	-88			
2011/12-3	MO-MEI	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	32	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-MPK	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0274	µg/L	EPA 608	-88	-88			
2011/12-3	MO-MPK	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	27	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-OJA	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0333	µg/L	EPA 608	-88	-88			
2011/12-3	MO-OJA	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	33	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-OXN	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0286	µg/L	EPA 608	-88	-88			
2011/12-3	MO-OXN	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	29	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-SIM	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0521	µg/L	EPA 608	-88	-88			
2011/12-3	MO-SIM	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	52	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-SPA	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0226	µg/L	EPA 608	-88	-88			
2011/12-3	MO-SPA	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	23	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-THO	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.041	µg/L	EPA 608	-88	-88			
2011/12-3	MO-THO	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	41	%	EPA 608	-88	-88	0.1	154	
2011/12-3	MO-VEN	srgt environ	4/7/2012	PCB	PCB 209	n/a	=	0.0389	µg/L	EPA 608	-88	-88			
2011/12-3	MO-VEN	srgt environ, rec	4/7/2012	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	154	
2011/12-3	Lab	method blank	4/6/2012	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2011/12-3	Lab	method blank	4/6/2012	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-3	Lab	method blank	4/6/2012	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2011/12-3	Lab	method blank	4/6/2012	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2011/12-3	Lab	method blank	4/6/2012	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-3	Lab	method blank	4/6/2012	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-3	Lab	method blank	4/6/2012	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-3	Lab	LCS	3/23/2012	Pesticide	2,4,5-T	n/a	=	3.58	µg/L	EPA 515.3	0.07	0.2			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	2,4,5-T	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	2,4,5-T	n/a	=	3.39	µg/L	EPA 515.3	0.07	0.2			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	2,4,5-T	n/a	=	3.28	µg/L	EPA 515.3	0.07	0.2			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	2,4,5-T	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	2,4,5-T	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	2,4,5-T	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	2,4,5-T	n/a	=	3.4	µg/L	EPA 515.3	0.07	0.2			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	2,4,5-T	n/a	=	3.31	µg/L	EPA 515.3	0.07	0.2			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	2,4,5-T	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	2,4,5-T	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	2,4,5-T	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	3/23/2012	Pesticide	2,4,5-TP	n/a	=	3.7	µg/L	EPA 515.3	0.09	0.2			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	2,4,5-TP	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	2,4,5-TP	n/a	=	3.49	µg/L	EPA 515.3	0.09	0.2			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	2,4,5-TP	n/a	=	3.19	µg/L	EPA 515.3	0.09	0.2			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	2,4,5-TP	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	2,4,5-TP	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	2,4,5-TP	n/a	=	9	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	2,4,5-TP	n/a	=	3.41	µg/L	EPA 515.3	0.09	0.2			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	2,4,5-TP	n/a	=	3.38	µg/L	EPA 515.3	0.09	0.2			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	2,4,5-TP	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	2,4,5-TP	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	2,4,5-TP	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	3/23/2012	Pesticide	2,4-D	n/a	=	8.26	µg/L	EPA 515.3	0.07	0.4			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	2,4-D	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	2,4-D	n/a	=	7.72	µg/L	EPA 515.3	0.07	0.4			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	2,4-D	n/a	=	7.88	µg/L	EPA 515.3	0.07	0.4			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	2,4-D	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	2,4-D	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	2,4-D	n/a	=	8.04	µg/L	EPA 515.3	0.07	0.4			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	2,4-D	n/a	=	7.84	µg/L	EPA 515.3	0.07	0.4			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	2,4-D	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	2,4-D	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	3/23/2012	Pesticide	2,4-DB	n/a	=	18.4	µg/L	EPA 515.3	0.07	2			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	2,4-DB	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	2,4-DB	n/a	=	19.3	µg/L	EPA 515.3	0.07	2			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	2,4-DB	n/a	=	19.3	µg/L	EPA 515.3	0.07	2			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	2,4-DB	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	2,4-DB	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	2,4-DB	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	2,4-DB	n/a	=	19.1	µg/L	EPA 515.3	0.07	2			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	2,4-DB	n/a	=	18.3	µg/L	EPA 515.3	0.07	2			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	2,4-DB	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	2,4-DB	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	2,4-DB	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.88	µg/L	EPA 515.3	0.09	1			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.1	µg/L	EPA 515.3	0.09	1			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.92	µg/L	EPA 515.3	0.09	1			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.18	µg/L	EPA 515.3	0.09	1			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.16	µg/L	EPA 515.3	0.09	1			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	4/6/2012	Pesticide	4,4'-DDD	n/a	=	0.0828	µg/L	EPA 608	0.003	0.05			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	4,4'-DDD	n/a	=	0.0876	µg/L	EPA 608	0.003	0.05			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	4,4'-DDD	n/a	=	88	%	EPA 608	-88	-88	30	141	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	4,4'-DDD	n/a	=	83	%	EPA 608	-88	-88	30	141	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	4,4'-DDD	n/a	=	6	%	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	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2011/12-3	Lab	LCS	4/6/2012	Pesticide	4,4'-DDE	n/a	=	0.0727	µg/L	EPA 608	0.0025	0.05			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	4,4'-DDE	n/a	=	0.0762	µg/L	EPA 608	0.0025	0.05			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	4,4'-DDE	n/a	=	76	%	EPA 608	-88	-88	30	145	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	4,4'-DDE	n/a	=	73	%	EPA 608	-88	-88	30	145	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	4,4'-DDE	n/a	=	5	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2011/12-3	Lab	LCS	4/6/2012	Pesticide	4,4'-DDT	n/a	=	0.0924	µg/L	EPA 608	0.0031	0.01			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	4,4'-DDT	n/a	=	0.0991	µg/L	EPA 608	0.0031	0.01			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	4,4'-DDT	n/a	=	99	%	EPA 608	-88	-88	25	160	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	4,4'-DDT	n/a	=	92	%	EPA 608	-88	-88	25	160	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	4,4'-DDT	n/a	=	7	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2011/12-3	Lab	LCS	3/23/2012	Pesticide	Acifluorfen	n/a	=	3.19	µg/L	EPA 515.3	0.06	0.4			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	Acifluorfen	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	Acifluorfen	n/a	=	3.04	µg/L	EPA 515.3	0.06	0.4			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	Acifluorfen	n/a	=	2.98	µg/L	EPA 515.3	0.06	0.4			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	Acifluorfen	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	Acifluorfen	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	Acifluorfen	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	Acifluorfen	n/a	=	3.12	µg/L	EPA 515.3	0.06	0.4			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	Acifluorfen	n/a	=	2.96	µg/L	EPA 515.3	0.06	0.4			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	Acifluorfen	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	Acifluorfen	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Alachlor	n/a	=	3.93	µg/L	EPA 525.2	0.022	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Alachlor	n/a	=	4.32	µg/L	EPA 525.2	0.022	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Alachlor	n/a	=	86	%	EPA 525.2	-88	-88	58	164	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Alachlor	n/a	=	79	%	EPA 525.2	-88	-88	58	164	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Alachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-3	Lab	LCS	4/6/2012	Pesticide	Aldrin	n/a	=	0.0668	µg/L	EPA 608	0.0015	0.005			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	Aldrin	n/a	=	0.0709	µg/L	EPA 608	0.0015	0.005			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	Aldrin	n/a	=	71	%	EPA 608	-88	-88	42	122	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	Aldrin	n/a	=	67	%	EPA 608	-88	-88	42	122	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	Aldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2011/12-3	Lab	LCS	4/6/2012	Pesticide	alpha-BHC	n/a	=	0.0756	µg/L	EPA 608	0.0018	0.01			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	alpha-BHC	n/a	=	0.0791	µg/L	EPA 608	0.0018	0.01			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	alpha-BHC	n/a	=	79	%	EPA 608	-88	-88	37	134	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	alpha-BHC	n/a	=	76	%	EPA 608	-88	-88	37	134	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	alpha-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2011/12-3	Lab	method blank	4/6/2012	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Atrazine	n/a	=	5.7	µg/L	EPA 525.2	0.034	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Atrazine	n/a	=	4.97	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	
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Atrazine	n/a	=	99	%	EPA 525.2	-88	-88	68	133	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Atrazine	n/a	=	114	%	EPA 525.2	-88	-88	68	133	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Atrazine	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Azinphos methyl	n/a	DNQ	0.0098	µg/L	EPA 525.2	0.0055	0.01			GB
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Azinphos methyl	n/a	=	0.0164	µg/L	EPA 525.2	0.0055	0.01			GB
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Azinphos methyl	n/a	=	33	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Azinphos methyl	n/a	=	20	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Azinphos methyl	n/a	=	51	%	EPA 525.2	-88	-88	0	25	IL
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Azinphos methyl	n/a	=	0.033	µg/L	EPA 525.2	0.0055	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Azinphos methyl	n/a	=	0.039	µg/L	EPA 525.2	0.0055	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Azinphos methyl	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Azinphos methyl	n/a	=	66	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Azinphos methyl	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Azinphos methyl	n/a	=	0.0471	µg/L	EPA 525.2	0.0055	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Azinphos methyl	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			EUM
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Azinphos methyl	n/a	=	0	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Azinphos methyl	n/a	=	0.0119	µg/L	EPA 525.2	0.0055	0.01			EUM
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Azinphos methyl	n/a	=	24	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Azinphos methyl	n/a	=	0.033	µg/L	EPA 525.2	0.0055	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Azinphos methyl	n/a	=	0.0393	µg/L	EPA 525.2	0.0055	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Azinphos methyl	n/a	=	79	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Azinphos methyl	n/a	=	66	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Azinphos methyl	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/23/2012	Pesticide	Bentazon	n/a	=	15.1	µg/L	EPA 515.3	0.11	2			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	Bentazon	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	Bentazon	n/a	=	15.8	µg/L	EPA 515.3	0.11	2			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	Bentazon	n/a	=	15.8	µg/L	EPA 515.3	0.11	2			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	Bentazon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	Bentazon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	Bentazon	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	Bentazon	n/a	=	14.6	µg/L	EPA 515.3	0.11	2			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	Bentazon	n/a	=	14.2	µg/L	EPA 515.3	0.11	2			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	Bentazon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	Bentazon	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	Bentazon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	4/6/2012	Pesticide	beta-BHC	n/a	=	0.0871	µg/L	EPA 608	0.0031	0.005			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	beta-BHC	n/a	=	0.0917	µg/L	EPA 608	0.0031	0.005			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	beta-BHC	n/a	=	92	%	EPA 608	-88	-88	14	147	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	beta-BHC	n/a	=	87	%	EPA 608	-88	-88	14	147	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	beta-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Bolstar	n/a	=	0.0543	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Bolstar	n/a	=	0.0579	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Bolstar	n/a	=	116	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Bolstar	n/a	=	109	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Bolstar	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Bolstar	n/a	=	0.0454	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Bolstar	n/a	=	0.0521	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Bolstar	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Bolstar	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Bolstar	n/a	=	14	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Bolstar	n/a	=	0.043	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Bolstar	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Bolstar	n/a	=	0.0451	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Bolstar	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Bolstar	n/a	=	0.0302	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Bolstar	n/a	=	60	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Bolstar	n/a	=	0.0559	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Bolstar	n/a	=	0.0529	µg/L	EPA 525.2	0.0046	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Bolstar	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Bolstar	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Bolstar	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Bromacil	n/a	=	5.57	µg/L	EPA 525.2	0.038	1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Bromacil	n/a	=	5.79	µg/L	EPA 525.2	0.038	1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Bromacil	n/a	=	116	%	EPA 525.2	-88	-88	43	177	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Bromacil	n/a	=	111	%	EPA 525.2	-88	-88	43	177	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Bromacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Butachlor	n/a	=	4.16	µg/L	EPA 525.2	0.017	0.2			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Butachlor	n/a	=	4.14	µg/L	EPA 525.2	0.017	0.2			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Butachlor	n/a	=	83	%	EPA 525.2	-88	-88	55	178	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Butachlor	n/a	=	83	%	EPA 525.2	-88	-88	55	178	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Butachlor	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Captan	n/a	=	7.85	µg/L	EPA 525.2	0.86	1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Captan	n/a	=	7.57	µg/L	EPA 525.2	0.86	1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Captan	n/a	=	151	%	EPA 525.2	-88	-88	20	215	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Captan	n/a	=	157	%	EPA 525.2	-88	-88	20	215	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Captan	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Chloropropham	n/a	=	5.47	µg/L	EPA 525.2	0.01	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Chloropropham	n/a	=	5.04	µg/L	EPA 525.2	0.01	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Chloropropham	n/a	=	101	%	EPA 525.2	-88	-88	74	133	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Chloropropham	n/a	=	109	%	EPA 525.2	-88	-88	74	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	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Chloropropham	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Chlorpyrifos	n/a	=	0.0524	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Chlorpyrifos	n/a	=	0.0545	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Chlorpyrifos	n/a	=	109	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Chlorpyrifos	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Chlorpyrifos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Chlorpyrifos	n/a	=	0.0428	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Chlorpyrifos	n/a	=	0.0467	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Chlorpyrifos	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Chlorpyrifos	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Chlorpyrifos	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Chlorpyrifos	n/a	=	0.0463	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Chlorpyrifos	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Chlorpyrifos	n/a	=	0.0441	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Chlorpyrifos	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Chlorpyrifos	n/a	=	0.0353	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Chlorpyrifos	n/a	=	71	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Chlorpyrifos	n/a	=	0.0497	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Chlorpyrifos	n/a	=	0.0489	µg/L	EPA 525.2	0.0069	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Chlorpyrifos	n/a	=	98	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Chlorpyrifos	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Chlorpyrifos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Coumaphos	n/a	=	0.0516	µg/L	EPA 525.2	0.0051	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Coumaphos	n/a	=	0.0527	µg/L	EPA 525.2	0.0051	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Coumaphos	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Coumaphos	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Coumaphos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Coumaphos	n/a	=	0.0411	µg/L	EPA 525.2	0.0051	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Coumaphos	n/a	=	0.0501	µg/L	EPA 525.2	0.0051	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Coumaphos	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Coumaphos	n/a	=	82	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Coumaphos	n/a	=	20	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Coumaphos	n/a	=	0.0467	µg/L	EPA 525.2	0.0051	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Coumaphos	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Coumaphos	n/a	=	0.0373	µg/L	EPA 525.2	0.0051	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Coumaphos	n/a	=	75	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Coumaphos	n/a	=	0.0209	µg/L	EPA 525.2	0.0051	0.01			EUM
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Coumaphos	n/a	=	42	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Coumaphos	n/a	=	0.0777	µg/L	EPA 525.2	0.0051	0.01			GB
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Coumaphos	n/a	=	0.0818	µg/L	EPA 525.2	0.0051	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	
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Coumaphos	n/a	=	164	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Coumaphos	n/a	=	155	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Coumaphos	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Cyanazine	n/a	=	5.78	µg/L	EPA 525.2	0.024	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Cyanazine	n/a	=	5.73	µg/L	EPA 525.2	0.024	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Cyanazine	n/a	=	115	%	EPA 525.2	-88	-88	69	131	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Cyanazine	n/a	=	116	%	EPA 525.2	-88	-88	69	131	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Cyanazine	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-3	Lab	LCS	3/23/2012	Pesticide	Dalapon	n/a	=	7.8	µg/L	EPA 515.3	0.1	0.4			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	Dalapon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	Dalapon	n/a	=	7.83	µg/L	EPA 515.3	0.1	0.4			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	Dalapon	n/a	=	7.37	µg/L	EPA 515.3	0.1	0.4			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	Dalapon	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	Dalapon	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	Dalapon	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	Dalapon	n/a	=	7.41	µg/L	EPA 515.3	0.1	0.4			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	Dalapon	n/a	=	7.36	µg/L	EPA 515.3	0.1	0.4			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	Dalapon	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	Dalapon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	Dalapon	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	2.9	µg/L	EPA 515.3	0.07	0.1			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.33	µg/L	EPA 515.3	0.07	0.1			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.16	µg/L	EPA 515.3	0.07	0.1			GB
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	67	%	EPA 515.3	-88	-88	70	130	GB
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	2.82	µg/L	EPA 515.3	0.07	0.1			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	2.81	µg/L	EPA 515.3	0.07	0.1			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	70	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	DCPA (Dacthal)	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	4/6/2012	Pesticide	delta-BHC	n/a	=	0.0794	µg/L	EPA 608	0.0025	0.005			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	delta-BHC	n/a	=	0.0842	µg/L	EPA 608	0.0025	0.005			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	delta-BHC	n/a	=	84	%	EPA 608	-88	-88	19	140	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	delta-BHC	n/a	=	79	%	EPA 608	-88	-88	19	140	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	delta-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Demeton-O	n/a	=	0.0388	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Demeton-O	n/a	=	0.035	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Demeton-O	n/a	=	70	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Demeton-O	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Demeton-O	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Demeton-O	n/a	=	0.0386	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	
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Demeton-O	n/a	=	0.0367	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Demeton-O	n/a	=	73	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Demeton-O	n/a	=	77	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Demeton-O	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Demeton-O	n/a	=	0.0348	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Demeton-O	n/a	=	70	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Demeton-O	n/a	=	0.037	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Demeton-O	n/a	=	74	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Demeton-O	n/a	=	0.0339	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Demeton-O	n/a	=	68	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Demeton-O	n/a	=	0.0461	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Demeton-O	n/a	=	0.0401	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Demeton-O	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Demeton-O	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Demeton-O	n/a	=	14	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Demeton-S	n/a	=	0.045	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Demeton-S	n/a	=	0.0397	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Demeton-S	n/a	=	79	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Demeton-S	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Demeton-S	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Demeton-S	n/a	=	0.0386	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Demeton-S	n/a	=	0.0367	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Demeton-S	n/a	=	73	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Demeton-S	n/a	=	77	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Demeton-S	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Demeton-S	n/a	=	0.0421	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Demeton-S	n/a	=	84	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Demeton-S	n/a	=	0.037	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Demeton-S	n/a	=	74	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Demeton-S	n/a	=	0.0339	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Demeton-S	n/a	=	68	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Demeton-S	n/a	=	0.0461	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Demeton-S	n/a	=	0.0401	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Demeton-S	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Demeton-S	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Demeton-S	n/a	=	14	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Diazinon	n/a	=	0.0547	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Diazinon	n/a	=	0.0569	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Diazinon	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Diazinon	n/a	=	109	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Diazinon	n/a	=	4	%	EPA 525.2	-88	-88	0	25	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Diazinon	n/a	=	0.0504	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Diazinon	n/a	=	0.0535	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Diazinon	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Diazinon	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Diazinon	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Diazinon	n/a	=	0.0462	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Diazinon	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Diazinon	n/a	=	0.0481	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Diazinon	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Diazinon	n/a	=	0.0427	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Diazinon	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Diazinon	n/a	=	0.0605	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Diazinon	n/a	=	0.0533	µg/L	EPA 525.2	0.0052	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Diazinon	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Diazinon	n/a	=	121	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Diazinon	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/23/2012	Pesticide	Dicamba	n/a	=	7.13	µg/L	EPA 515.3	0.12	0.6			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	Dicamba	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	Dicamba	n/a	=	6.89	µg/L	EPA 515.3	0.12	0.6			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	Dicamba	n/a	=	6.61	µg/L	EPA 515.3	0.12	0.6			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	Dicamba	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	Dicamba	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	Dicamba	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	Dicamba	n/a	=	6.62	µg/L	EPA 515.3	0.12	0.6			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	Dicamba	n/a	=	6.68	µg/L	EPA 515.3	0.12	0.6			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	Dicamba	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	Dicamba	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	Dicamba	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	3/23/2012	Pesticide	Dichlorprop	n/a	=	7.88	µg/L	EPA 515.3	0.08	0.3			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	Dichlorprop	n/a	=	7.51	µg/L	EPA 515.3	0.08	0.3			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	Dichlorprop	n/a	=	6.95	µg/L	EPA 515.3	0.08	0.3			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	Dichlorprop	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	Dichlorprop	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	Dichlorprop	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	Dichlorprop	n/a	=	7.44	µg/L	EPA 515.3	0.08	0.3			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	Dichlorprop	n/a	=	7.36	µg/L	EPA 515.3	0.08	0.3			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	Dichlorprop	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	Dichlorprop	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	Dichlorprop	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Dichlorvos	n/a	=	0.0496	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Dichlorvos	n/a	=	0.0497	µg/L	EPA 525.2	0.0029	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Dichlorvos	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Dichlorvos	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Dichlorvos	n/a	=	0.2	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Dichlorvos	n/a	=	0.0461	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Dichlorvos	n/a	=	0.0489	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Dichlorvos	n/a	=	98	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Dichlorvos	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Dichlorvos	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Dichlorvos	n/a	=	0.0474	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Dichlorvos	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Dichlorvos	n/a	=	0.0459	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Dichlorvos	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Dichlorvos	n/a	=	0.0478	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Dichlorvos	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Dichlorvos	n/a	=	0.0519	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Dichlorvos	n/a	=	0.0516	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Dichlorvos	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Dichlorvos	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Dichlorvos	n/a	=	0.5	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	4/6/2012	Pesticide	Dieldrin	n/a	=	0.0824	µg/L	EPA 608	0.0021	0.01			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	Dieldrin	n/a	=	0.0877	µg/L	EPA 608	0.0021	0.01			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	Dieldrin	n/a	=	88	%	EPA 608	-88	-88	36	146	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	Dieldrin	n/a	=	82	%	EPA 608	-88	-88	36	146	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	Dieldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Dimethoate	n/a	=	0.0956	µg/L	EPA 525.2	0.0062	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Dimethoate	n/a	=	0.0932	µg/L	EPA 525.2	0.0062	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Dimethoate	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Dimethoate	n/a	=	139	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Dimethoate	n/a	=	0.0737	µg/L	EPA 525.2	0.0062	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Dimethoate	n/a	=	0.076	µg/L	EPA 525.2	0.0062	0.01			GB
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Dimethoate	n/a	=	152	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Dimethoate	n/a	=	147	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Dimethoate	n/a	=	0.071	µg/L	EPA 525.2	0.0062	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Dimethoate	n/a	=	142	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Dimethoate	n/a	=	0.0605	µg/L	EPA 525.2	0.0062	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Dimethoate	n/a	=	121	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Dimethoate	n/a	=	0.0499	µg/L	EPA 525.2	0.0062	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Dimethoate	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Dimethoate	n/a	=	0.101	µg/L	EPA 525.2	0.0062	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Dimethoate	n/a	=	0.0795	µg/L	EPA 525.2	0.0062	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Dimethoate	n/a	=	52	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Dimethoate	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Dimethoate	n/a	=	24	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/23/2012	Pesticide	Dinoseb	n/a	=	3.36	µg/L	EPA 515.3	0.14	0.4			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	Dinoseb	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	Dinoseb	n/a	=	3.22	µg/L	EPA 515.3	0.14	0.4			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	Dinoseb	n/a	=	3.01	µg/L	EPA 515.3	0.14	0.4			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	Dinoseb	n/a	=	75	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	Dinoseb	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	Dinoseb	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	Dinoseb	n/a	=	3.14	µg/L	EPA 515.3	0.14	0.4			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	Dinoseb	n/a	=	3.05	µg/L	EPA 515.3	0.14	0.4			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	Dinoseb	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	Dinoseb	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Diphenamid	n/a	=	5.41	µg/L	EPA 525.2	0.024	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Diphenamid	n/a	=	5.39	µg/L	EPA 525.2	0.024	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Diphenamid	n/a	=	108	%	EPA 525.2	-88	-88	82	144	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Diphenamid	n/a	=	108	%	EPA 525.2	-88	-88	82	144	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Diphenamid	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Disulfoton	n/a	=	0.0489	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Disulfoton	n/a	=	0.0447	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Disulfoton	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Disulfoton	n/a	=	98	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Disulfoton	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Disulfoton	n/a	=	0.0475	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Disulfoton	n/a	=	0.0469	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Disulfoton	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Disulfoton	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Disulfoton	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Disulfoton	n/a	=	0.0444	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Disulfoton	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Disulfoton	n/a	=	0.0525	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Disulfoton	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Disulfoton	n/a	=	0.0447	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Disulfoton	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Disulfoton	n/a	=	0.0547	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Disulfoton	n/a	=	0.0504	µg/L	EPA 525.2	0.01	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Disulfoton	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Disulfoton	n/a	=	109	%	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	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Disulfoton	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	4/6/2012	Pesticide	Endosulfan I	n/a	=	0.063	µg/L	EPA 608	0.0017	0.02			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	Endosulfan I	n/a	=	0.0668	µg/L	EPA 608	0.0017	0.02			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	Endosulfan I	n/a	=	67	%	EPA 608	-88	-88	45	153	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	Endosulfan I	n/a	=	63	%	EPA 608	-88	-88	45	153	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	Endosulfan I	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2011/12-3	Lab	LCS	4/6/2012	Pesticide	Endosulfan II	n/a	=	0.0838	µg/L	EPA 608	0.0019	0.01			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	Endosulfan II	n/a	=	0.0879	µg/L	EPA 608	0.0019	0.01			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	Endosulfan II	n/a	=	88	%	EPA 608	-88	-88	2	202	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	Endosulfan II	n/a	=	84	%	EPA 608	-88	-88	2	202	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	Endosulfan II	n/a	=	5	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-3	Lab	LCS	4/6/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0888	µg/L	EPA 608	0.008	0.05			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0927	µg/L	EPA 608	0.008	0.05			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	Endosulfan sulfate	n/a	=	93	%	EPA 608	-88	-88	26	144	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	Endosulfan sulfate	n/a	=	89	%	EPA 608	-88	-88	26	144	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	Endosulfan sulfate	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2011/12-3	Lab	LCS	4/6/2012	Pesticide	Endrin	n/a	=	0.0862	µg/L	EPA 608	0.0028	0.01			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	Endrin	n/a	=	0.0903	µg/L	EPA 608	0.0028	0.01			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	Endrin	n/a	=	90	%	EPA 608	-88	-88	30	147	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	Endrin	n/a	=	86	%	EPA 608	-88	-88	30	147	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	Endrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2011/12-3	Lab	LCS	4/6/2012	Pesticide	Endrin aldehyde	n/a	=	0.0854	µg/L	EPA 608	0.003	0.01			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	Endrin aldehyde	n/a	=	0.0911	µg/L	EPA 608	0.003	0.01			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	Endrin aldehyde	n/a	=	91	%	EPA 608	-88	-88	41	203	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	Endrin aldehyde	n/a	=	85	%	EPA 608	-88	-88	41	203	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	Endrin aldehyde	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2011/12-3	Lab	LCS	3/28/2012	Pesticide	EPTC	n/a	=	5.01	µg/L	EPA 525.2	0.017	1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	EPTC	n/a	=	5.38	µg/L	EPA 525.2	0.017	1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	EPTC	n/a	=	108	%	EPA 525.2	-88	-88	75	110	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	75	110	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	EPTC	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Ethoprop	n/a	=	0.0621	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Ethoprop	n/a	=	0.0625	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Ethoprop	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Ethoprop	n/a	=	124	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Ethoprop	n/a	=	0.7	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Ethoprop	n/a	=	0.0466	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Ethoprop	n/a	=	0.0495	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Ethoprop	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Ethoprop	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Ethoprop	n/a	=	6	%	EPA 525.2	-88	-88	0	25	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Ethoprop	n/a	=	0.056	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Ethoprop	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Ethoprop	n/a	=	0.0461	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Ethoprop	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Ethoprop	n/a	=	0.0464	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Ethoprop	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Ethoprop	n/a	=	0.0562	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Ethoprop	n/a	=	0.0592	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Ethoprop	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Ethoprop	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Ethoprop	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Ethyl parathion	n/a	=	0.0804	µg/L	EPA 525.2	0.0054	0.01			GB
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Ethyl parathion	n/a	=	0.0814	µg/L	EPA 525.2	0.0054	0.01			GB
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Ethyl parathion	n/a	=	163	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Ethyl parathion	n/a	=	161	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Ethyl parathion	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Ethyl parathion	n/a	=	0.057	µg/L	EPA 525.2	0.0054	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Ethyl parathion	n/a	=	0.0652	µg/L	EPA 525.2	0.0054	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Ethyl parathion	n/a	=	130	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Ethyl parathion	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Ethyl parathion	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Ethyl parathion	n/a	=	0.0672	µg/L	EPA 525.2	0.0054	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Ethyl parathion	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Ethyl parathion	n/a	=	0.0536	µg/L	EPA 525.2	0.0054	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Ethyl parathion	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Ethyl parathion	n/a	=	0.0342	µg/L	EPA 525.2	0.0054	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Ethyl parathion	n/a	=	68	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Ethyl parathion	n/a	=	0.078	µg/L	EPA 525.2	0.0054	0.01			GB
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Ethyl parathion	n/a	=	0.0811	µg/L	EPA 525.2	0.0054	0.01			GB
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Ethyl parathion	n/a	=	162	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Ethyl parathion	n/a	=	156	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Ethyl parathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Fensulfothion	n/a	=	0.0821	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Fensulfothion	n/a	=	0.0921	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Fensulfothion	n/a	=	184	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Fensulfothion	n/a	=	164	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Fensulfothion	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Fensulfothion	n/a	=	0.0471	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Fensulfothion	n/a	=	0.062	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Fensulfothion	n/a	=	124	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Fensulfothion	n/a	=	94	%	EPA 525.2	-88	-88	50	150	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Fensulfothion	n/a	=	27	%	EPA 525.2	-88	-88	0	25	IL
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Fensulfothion	n/a	=	0.0712	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Fensulfothion	n/a	=	142	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Fensulfothion	n/a	=	0.0328	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Fensulfothion	n/a	=	66	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Fensulfothion	n/a	=	0.0278	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Fensulfothion	n/a	=	56	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Fensulfothion	n/a	=	0.11	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Fensulfothion	n/a	=	0.126	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Fensulfothion	n/a	=	252	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Fensulfothion	n/a	=	220	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Fensulfothion	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Fenthion	n/a	=	0.0481	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Fenthion	n/a	=	0.0486	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Fenthion	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Fenthion	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Fenthion	n/a	=	0.9	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Fenthion	n/a	=	0.0441	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Fenthion	n/a	=	0.0468	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Fenthion	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Fenthion	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Fenthion	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Fenthion	n/a	=	0.0437	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Fenthion	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Fenthion	n/a	=	0.0422	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Fenthion	n/a	=	84	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Fenthion	n/a	=	0.0348	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Fenthion	n/a	=	70	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Fenthion	n/a	=	0.0502	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Fenthion	n/a	=	0.0503	µg/L	EPA 525.2	0.0038	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Fenthion	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Fenthion	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Fenthion	n/a	=	0.1	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	4/6/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0771	µg/L	EPA 608	0.0021	0.02			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0813	µg/L	EPA 608	0.0021	0.02			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	81	%	EPA 608	-88	-88	32	127	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	77	%	EPA 608	-88	-88	32	127	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	5	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2011/12-3	Lab	method blank	4/6/2012	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2011/12-3	000NONPJ	matrix spike	3/19/2012	Pesticide	Glyphosate	n/a	=	22.5	µg/L	EPA 547	1.8	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	000NONPJ	matrix spike dup	3/19/2012	Pesticide	Glyphosate	n/a	=	24.1	µg/L	EPA 547	1.8	5			
2011/12-3	000NONPJ	matrix spike dup, rec	3/19/2012	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	68	134	
2011/12-3	000NONPJ	matrix spike, rec	3/19/2012	Pesticide	Glyphosate	n/a	=	90	%	EPA 547	-88	-88	68	134	
2011/12-3	000NONPJ	matrix spike, RPD	3/19/2012	Pesticide	Glyphosate	n/a	=	7	%	EPA 547	-88	-88	0	30	
2011/12-3	Lab	LCS	3/19/2012	Pesticide	Glyphosate	n/a	=	25.5	µg/L	EPA 547	1.8	5			
2011/12-3	Lab	LCS, rec	3/19/2012	Pesticide	Glyphosate	n/a	=	102	%	EPA 547	-88	-88	71	137	
2011/12-3	Lab	method blank	3/19/2012	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2011/12-3	MO-SIM	matrix spike	3/19/2012	Pesticide	Glyphosate	n/a	=	27.1	µg/L	EPA 547	1.8	5			
2011/12-3	MO-SIM	matrix spike dup	3/19/2012	Pesticide	Glyphosate	n/a	=	35.8	µg/L	EPA 547	1.8	5			
2011/12-3	MO-SIM	matrix spike dup, rec	3/19/2012	Pesticide	Glyphosate	n/a	=	119	%	EPA 547	-88	-88	68	134	
2011/12-3	MO-SIM	matrix spike, rec	3/19/2012	Pesticide	Glyphosate	n/a	=	84	%	EPA 547	-88	-88	68	134	
2011/12-3	MO-SIM	matrix spike, RPD	3/19/2012	Pesticide	Glyphosate	n/a	=	28	%	EPA 547	-88	-88	0	30	
2011/12-3	Lab	LCS	4/6/2012	Pesticide	Heptachlor	n/a	=	0.0849	µg/L	EPA 608	0.0017	0.01			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	Heptachlor	n/a	=	0.0905	µg/L	EPA 608	0.0017	0.01			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	Heptachlor	n/a	=	91	%	EPA 608	-88	-88	34	111	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	Heptachlor	n/a	=	85	%	EPA 608	-88	-88	34	111	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	Heptachlor	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2011/12-3	Lab	LCS	4/6/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0805	µg/L	EPA 608	0.0019	0.01			
2011/12-3	Lab	LCS dup	4/6/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0858	µg/L	EPA 608	0.0019	0.01			
2011/12-3	Lab	LCS dup, rec	4/6/2012	Pesticide	Heptachlor epoxide	n/a	=	86	%	EPA 608	-88	-88	37	142	
2011/12-3	Lab	LCS, rec	4/6/2012	Pesticide	Heptachlor epoxide	n/a	=	81	%	EPA 608	-88	-88	37	142	
2011/12-3	Lab	LCS, RPD	4/6/2012	Pesticide	Heptachlor epoxide	n/a	=	6	%	EPA 608	-88	-88	0	30	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Malathion	n/a	=	0.0609	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Malathion	n/a	=	0.0601	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Malathion	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Malathion	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Malathion	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Malathion	n/a	=	0.054	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Malathion	n/a	=	0.0592	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Malathion	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Malathion	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Malathion	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Malathion	n/a	=	0.0557	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Malathion	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Malathion	n/a	=	0.0473	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Malathion	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Malathion	n/a	=	0.033	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Malathion	n/a	=	66	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Malathion	n/a	=	0.0605	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Malathion	n/a	=	0.0633	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Malathion	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Malathion	n/a	=	121	%	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	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Malathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Merphos	n/a	=	0.0725	µg/L	EPA 525.2	0.0058	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Merphos	n/a	=	0.0752	µg/L	EPA 525.2	0.0058	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Merphos	n/a	=	150	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Merphos	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Merphos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Merphos	n/a	=	0.0591	µg/L	EPA 525.2	0.0058	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Merphos	n/a	=	0.0681	µg/L	EPA 525.2	0.0058	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Merphos	n/a	=	136	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Merphos	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Merphos	n/a	=	14	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Merphos	n/a	=	0.0743	µg/L	EPA 525.2	0.0058	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Merphos	n/a	=	149	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Merphos	n/a	=	0.0638	µg/L	EPA 525.2	0.0058	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Merphos	n/a	=	128	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Merphos	n/a	=	0.0447	µg/L	EPA 525.2	0.0058	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Merphos	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Merphos	n/a	=	0.0791	µg/L	EPA 525.2	0.0058	0.01			GB
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Merphos	n/a	=	0.0943	µg/L	EPA 525.2	0.0058	0.01			GB
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Merphos	n/a	=	189	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Merphos	n/a	=	158	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Merphos	n/a	=	18	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Methyl parathion	n/a	=	0.0707	µg/L	EPA 525.2	0.0063	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Methyl parathion	n/a	=	0.07	µg/L	EPA 525.2	0.0063	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Methyl parathion	n/a	=	140	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Methyl parathion	n/a	=	141	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Methyl parathion	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Methyl parathion	n/a	=	0.0507	µg/L	EPA 525.2	0.0063	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Methyl parathion	n/a	=	0.0593	µg/L	EPA 525.2	0.0063	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Methyl parathion	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Methyl parathion	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Methyl parathion	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Methyl parathion	n/a	=	0.0638	µg/L	EPA 525.2	0.0063	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Methyl parathion	n/a	=	128	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Methyl parathion	n/a	=	0.044	µg/L	EPA 525.2	0.0063	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Methyl parathion	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Methyl parathion	n/a	=	0.0345	µg/L	EPA 525.2	0.0063	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Methyl parathion	n/a	=	69	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Methyl parathion	n/a	=	0.0928	µg/L	EPA 525.2	0.0063	0.01			GB
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Methyl parathion	n/a	=	0.0969	µg/L	EPA 525.2	0.0063	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	
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Methyl parathion	n/a	=	194	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Methyl parathion	n/a	=	186	%	EPA 525.2	-88	-88	50	150	GB
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Methyl parathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Metolachlor	n/a	=	3.87	µg/L	EPA 525.2	0.012	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Metolachlor	n/a	=	4.09	µg/L	EPA 525.2	0.012	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Metolachlor	n/a	=	82	%	EPA 525.2	-88	-88	55	170	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Metolachlor	n/a	=	77	%	EPA 525.2	-88	-88	55	170	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Metolachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Metribuzin	n/a	=	4.18	µg/L	EPA 525.2	0.015	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Metribuzin	n/a	=	4.57	µg/L	EPA 525.2	0.015	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Metribuzin	n/a	=	91	%	EPA 525.2	-88	-88	44	149	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Metribuzin	n/a	=	84	%	EPA 525.2	-88	-88	44	149	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Metribuzin	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Mevinphos	n/a	=	0.0645	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Mevinphos	n/a	=	0.0637	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Mevinphos	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Mevinphos	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Mevinphos	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Mevinphos	n/a	=	0.0411	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Mevinphos	n/a	=	0.0455	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Mevinphos	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Mevinphos	n/a	=	82	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Mevinphos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Mevinphos	n/a	=	0.0542	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Mevinphos	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Mevinphos	n/a	=	0.0412	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Mevinphos	n/a	=	82	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Mevinphos	n/a	=	0.0427	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Mevinphos	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Mevinphos	n/a	=	0.0674	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Mevinphos	n/a	=	0.0686	µg/L	EPA 525.2	0.0042	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Mevinphos	n/a	=	137	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Mevinphos	n/a	=	135	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Mevinphos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Molinate	n/a	=	5.07	µg/L	EPA 525.2	0.039	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Molinate	n/a	=	5.21	µg/L	EPA 525.2	0.039	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Molinate	n/a	=	104	%	EPA 525.2	-88	-88	76	116	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Molinate	n/a	=	101	%	EPA 525.2	-88	-88	76	116	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Naled	n/a	=	0.067	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Naled	n/a	=	0.0633	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	
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Naled	n/a	=	127	%	EPA 525.2	-88	-88	5	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Naled	n/a	=	134	%	EPA 525.2	-88	-88	5	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Naled	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Naled	n/a	=	0.0324	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Naled	n/a	=	0.0303	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Naled	n/a	=	61	%	EPA 525.2	-88	-88	5	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Naled	n/a	=	65	%	EPA 525.2	-88	-88	5	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Naled	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Naled	n/a	=	0.0628	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Naled	n/a	=	126	%	EPA 525.2	-88	-88	5	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Naled	n/a	=	0.0298	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Naled	n/a	=	60	%	EPA 525.2	-88	-88	5	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Naled	n/a	=	0.0103	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Naled	n/a	=	21	%	EPA 525.2	-88	-88	5	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Naled	n/a	=	0.25	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Naled	n/a	=	0.38	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Naled	n/a	=	760	%	EPA 525.2	-88	-88	5	150	GB
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Naled	n/a	=	500	%	EPA 525.2	-88	-88	5	150	GB
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Naled	n/a	=	41	%	EPA 525.2	-88	-88	0	25	IL
2011/12-3	Lab	LCS	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	3.34	µg/L	EPA 515.3	0.04	0.2			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	2.76	µg/L	EPA 515.3	0.04	0.2			GB
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	2.59	µg/L	EPA 515.3	0.04	0.2			GB
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	65	%	EPA 515.3	-88	-88	70	130	GB
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	69	%	EPA 515.3	-88	-88	70	130	GB
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	2.99	µg/L	EPA 515.3	0.04	0.2			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	2.96	µg/L	EPA 515.3	0.04	0.2			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	75	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Phorate	n/a	=	0.0548	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Phorate	n/a	=	0.0542	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Phorate	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Phorate	n/a	=	110	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Phorate	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Phorate	n/a	=	0.0452	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Phorate	n/a	=	0.0475	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Phorate	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Phorate	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Phorate	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Phorate	n/a	=	0.0505	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Phorate	n/a	=	101	%	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	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Phorate	n/a	=	0.0453	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Phorate	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Phorate	n/a	=	0.0377	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Phorate	n/a	=	75	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Phorate	n/a	=	0.0489	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Phorate	n/a	=	0.0501	µg/L	EPA 525.2	0.003	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Phorate	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Phorate	n/a	=	98	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Phorate	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/23/2012	Pesticide	Picloram	n/a	=	3.31	µg/L	EPA 515.3	0.05	0.6			
2011/12-3	Lab	LCS, rec	3/23/2012	Pesticide	Picloram	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-3	Lab	method blank	3/23/2012	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2011/12-3	ME-CC	matrix spike	3/23/2012	Pesticide	Picloram	n/a	=	3.14	µg/L	EPA 515.3	0.05	0.6			
2011/12-3	ME-CC	matrix spike dup	3/23/2012	Pesticide	Picloram	n/a	=	3.12	µg/L	EPA 515.3	0.05	0.6			
2011/12-3	ME-CC	matrix spike dup, rec	3/23/2012	Pesticide	Picloram	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, rec	3/23/2012	Pesticide	Picloram	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-CC	matrix spike, RPD	3/23/2012	Pesticide	Picloram	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2011/12-3	ME-VR2	matrix spike	3/23/2012	Pesticide	Picloram	n/a	=	3.17	µg/L	EPA 515.3	0.05	0.6			
2011/12-3	ME-VR2	matrix spike dup	3/23/2012	Pesticide	Picloram	n/a	=	3.02	µg/L	EPA 515.3	0.05	0.6			
2011/12-3	ME-VR2	matrix spike dup, rec	3/23/2012	Pesticide	Picloram	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, rec	3/23/2012	Pesticide	Picloram	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-3	ME-VR2	matrix spike, RPD	3/23/2012	Pesticide	Picloram	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Prometon	n/a	=	3.03	µg/L	EPA 525.2	0.024	0.2			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Prometon	n/a	=	3.29	µg/L	EPA 525.2	0.024	0.2			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Prometon	n/a	=	66	%	EPA 525.2	-88	-88	6	110	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Prometon	n/a	=	61	%	EPA 525.2	-88	-88	6	110	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Prometon	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Prometryn	n/a	=	4.1	µg/L	EPA 525.2	0.036	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Prometryn	n/a	=	4.43	µg/L	EPA 525.2	0.036	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Prometryn	n/a	=	89	%	EPA 525.2	-88	-88	34	152	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Prometryn	n/a	=	82	%	EPA 525.2	-88	-88	34	152	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Prometryn	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0493	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0511	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0454	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0474	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	4	%	EPA 525.2	-88	-88	0	25	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0481	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0439	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0371	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	74	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0511	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0512	µg/L	EPA 525.2	0.0041	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.2	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Simazine	n/a	=	4.07	µg/L	EPA 525.2	0.015	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Simazine	n/a	=	4.35	µg/L	EPA 525.2	0.015	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	54	156	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Simazine	n/a	=	81	%	EPA 525.2	-88	-88	54	156	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Simazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0385	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.037	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	74	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	77	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0382	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0399	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0503	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0199	µg/L	EPA 525.2	0.0031	0.01			EUM
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	40	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0265	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	53	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0565	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0595	µg/L	EPA 525.2	0.0031	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Terbacil	n/a	=	6.07	µg/L	EPA 525.2	0.55	2			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Terbacil	n/a	=	6.04	µg/L	EPA 525.2	0.55	2			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Terbacil	n/a	=	121	%	EPA 525.2	-88	-88	66	140	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Terbacil	n/a	=	121	%	EPA 525.2	-88	-88	66	140	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Terbacil	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Thiobencarb	n/a	=	3.94	µg/L	EPA 525.2	0.025	0.2			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Thiobencarb	n/a	=	4.11	µg/L	EPA 525.2	0.025	0.2			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Thiobencarb	n/a	=	82	%	EPA 525.2	-88	-88	57	162	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Thiobencarb	n/a	=	79	%	EPA 525.2	-88	-88	57	162	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Thiobencarb	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Tokuthion	n/a	=	0.0544	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Tokuthion	n/a	=	0.0574	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Tokuthion	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Tokuthion	n/a	=	109	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Tokuthion	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Tokuthion	n/a	=	0.0457	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Tokuthion	n/a	=	0.0521	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Tokuthion	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Tokuthion	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Tokuthion	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Tokuthion	n/a	=	0.0476	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Tokuthion	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Tokuthion	n/a	=	0.0445	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Tokuthion	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Tokuthion	n/a	=	0.0283	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Tokuthion	n/a	=	57	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Tokuthion	n/a	=	0.0506	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Tokuthion	n/a	=	0.0472	µg/L	EPA 525.2	0.0078	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Tokuthion	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Tokuthion	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Tokuthion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	method blank	4/6/2012	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2011/12-3	000NONPJ	matrix spike	3/28/2012	Pesticide	Trichloronate	n/a	=	0.0463	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/28/2012	Pesticide	Trichloronate	n/a	=	0.049	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/28/2012	Pesticide	Trichloronate	n/a	=	98	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/28/2012	Pesticide	Trichloronate	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/28/2012	Pesticide	Trichloronate	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-3	000NONPJ	matrix spike	3/30/2012	Pesticide	Trichloronate	n/a	=	0.0413	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	000NONPJ	matrix spike dup	3/30/2012	Pesticide	Trichloronate	n/a	=	0.0453	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	000NONPJ	matrix spike dup, rec	3/30/2012	Pesticide	Trichloronate	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, rec	3/30/2012	Pesticide	Trichloronate	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2011/12-3	000NONPJ	matrix spike, RPD	3/30/2012	Pesticide	Trichloronate	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Trichloronate	n/a	=	0.0435	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Trichloronate	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Trichloronate	n/a	<	0.0067	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	
2011/12-3	Lab	LCS	3/30/2012	Pesticide	Trichloronate	n/a	=	0.0419	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	Lab	LCS, rec	3/30/2012	Pesticide	Trichloronate	n/a	=	84	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	3/30/2012	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	Lab	LCS	4/3/2012	Pesticide	Trichloronate	n/a	=	0.032	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	Lab	LCS, rec	4/3/2012	Pesticide	Trichloronate	n/a	=	64	%	EPA 525.2	-88	-88	50	150	
2011/12-3	Lab	method blank	4/3/2012	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	MO-SIM	matrix spike	4/3/2012	Pesticide	Trichloronate	n/a	=	0.0427	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	MO-SIM	matrix spike dup	4/3/2012	Pesticide	Trichloronate	n/a	=	0.0415	µg/L	EPA 525.2	0.0067	0.01			
2011/12-3	MO-SIM	matrix spike dup, rec	4/3/2012	Pesticide	Trichloronate	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, rec	4/3/2012	Pesticide	Trichloronate	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2011/12-3	MO-SIM	matrix spike, RPD	4/3/2012	Pesticide	Trichloronate	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2011/12-3	Lab	LCS	3/28/2012	Pesticide	Trithion	n/a	=	4.13	µg/L	EPA 525.2	0.012	0.1			
2011/12-3	Lab	LCS dup	3/28/2012	Pesticide	Trithion	n/a	=	4.21	µg/L	EPA 525.2	0.012	0.1			
2011/12-3	Lab	LCS dup, rec	3/28/2012	Pesticide	Trithion	n/a	=	84	%	EPA 525.2	-88	-88	62	149	
2011/12-3	Lab	LCS, rec	3/28/2012	Pesticide	Trithion	n/a	=	83	%	EPA 525.2	-88	-88	62	149	
2011/12-3	Lab	LCS, RPD	3/28/2012	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-3	Lab	method blank	3/28/2012	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	000NONPJ	matrix spike	4/30/2012	Anion	Chloride	n/a	=	77	mg/L	EPA 300.0	1	5			D
2011/12-4	000NONPJ	matrix spike dup	4/30/2012	Anion	Chloride	n/a	=	77.3	mg/L	EPA 300.0	1	5			D
2011/12-4	000NONPJ	matrix spike dup, rec	4/30/2012	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	72	118	D
2011/12-4	000NONPJ	matrix spike, rec	4/30/2012	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	72	118	D
2011/12-4	000NONPJ	matrix spike, RPD	4/30/2012	Anion	Chloride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	D
2011/12-4	000NONPJ	matrix spike	6/1/2012	Anion	Chloride	n/a	=	26.7	mg/L	EPA 300.0	0.1	0.5			
2011/12-4	000NONPJ	matrix spike dup	6/1/2012	Anion	Chloride	n/a	=	26.8	mg/L	EPA 300.0	0.1	0.5			
2011/12-4	000NONPJ	matrix spike dup, rec	6/1/2012	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	72	118	
2011/12-4	000NONPJ	matrix spike, rec	6/1/2012	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	72	118	
2011/12-4	000NONPJ	matrix spike, RPD	6/1/2012	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Anion	Chloride	n/a	=	79.5	mg/L	EPA 300.0	1	5			D
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Anion	Chloride	n/a	=	80	mg/L	EPA 300.0	1	5			D
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	72	118	D
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	72	118	D
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Anion	Chloride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	D
2011/12-4	000NONPJ	matrix spike	6/7/2012	Anion	Chloride	n/a	=	73.7	mg/L	EPA 300.0	1	5			D
2011/12-4	000NONPJ	matrix spike	6/7/2012	Anion	Chloride	n/a	=	141	mg/L	EPA 300.0	1	5			D
2011/12-4	000NONPJ	matrix spike dup	6/7/2012	Anion	Chloride	n/a	=	74.4	mg/L	EPA 300.0	1	5			D
2011/12-4	000NONPJ	matrix spike dup	6/7/2012	Anion	Chloride	n/a	=	141	mg/L	EPA 300.0	1	5			D
2011/12-4	000NONPJ	matrix spike dup, rec	6/7/2012	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	72	118	D
2011/12-4	000NONPJ	matrix spike dup, rec	6/7/2012	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	72	118	D
2011/12-4	000NONPJ	matrix spike, rec	6/7/2012	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	72	118	D
2011/12-4	000NONPJ	matrix spike, rec	6/7/2012	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	72	118	D
2011/12-4	000NONPJ	matrix spike, RPD	6/7/2012	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	D
2011/12-4	000NONPJ	matrix spike, RPD	6/7/2012	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	D
2011/12-4	Lab	LCS	4/30/2012	Anion	Chloride	n/a	=	3.89	mg/L	EPA 300.0	0.1	0.5			
2011/12-4	Lab	LCS, rec	4/30/2012	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2011/12-4	Lab	method blank	4/30/2012	Anion	Chloride	n/a	DNQ	0.116	mg/L	EPA 300.0	0.1	0.5			
2011/12-4	Lab	LCS	6/1/2012	Anion	Chloride	n/a	=	4.23	mg/L	EPA 300.0	0.1	0.5			
2011/12-4	Lab	LCS, rec	6/1/2012	Anion	Chloride	n/a	=	106	%	EPA 300.0	-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	
2011/12-4	Lab	method blank	6/1/2012	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2011/12-4	Lab	LCS	6/7/2012	Anion	Chloride	n/a	=	3.89	mg/L	EPA 300.0	0.1	0.5			
2011/12-4	Lab	LCS, rec	6/7/2012	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2011/12-4	Lab	method blank	6/7/2012	Anion	Chloride	n/a	DNQ	0.105	mg/L	EPA 300.0	0.1	0.5			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Anion	Chloride	n/a	=	100	mg/L	EPA 300.0	1	5			D
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Anion	Chloride	n/a	=	101	mg/L	EPA 300.0	1	5			D
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	72	118	D
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	72	118	D
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	D
2011/12-4	000NONPJ	matrix spike	4/30/2012	Anion	Fluoride	n/a	=	20.8	mg/L	EPA 300.0	0.2	1			D
2011/12-4	000NONPJ	matrix spike dup	4/30/2012	Anion	Fluoride	n/a	=	21	mg/L	EPA 300.0	0.2	1			D
2011/12-4	000NONPJ	matrix spike dup, rec	4/30/2012	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	79	109	D
2011/12-4	000NONPJ	matrix spike, rec	4/30/2012	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	79	109	D
2011/12-4	000NONPJ	matrix spike, RPD	4/30/2012	Anion	Fluoride	n/a	=	0.9	%	EPA 300.0	-88	-88	0	20	D
2011/12-4	000NONPJ	matrix spike	6/1/2012	Anion	Fluoride	n/a	=	2.44	mg/L	EPA 300.0	0.02	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/1/2012	Anion	Fluoride	n/a	=	2.42	mg/L	EPA 300.0	0.02	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/1/2012	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	79	109	
2011/12-4	000NONPJ	matrix spike, rec	6/1/2012	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	79	109	
2011/12-4	000NONPJ	matrix spike, RPD	6/1/2012	Anion	Fluoride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Anion	Fluoride	n/a	=	20.6	mg/L	EPA 300.0	0.2	1			D
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Anion	Fluoride	n/a	=	20.5	mg/L	EPA 300.0	0.2	1			D
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	D
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	79	109	D
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	D
2011/12-4	000NONPJ	matrix spike	6/7/2012	Anion	Fluoride	n/a	=	20.8	mg/L	EPA 300.0	0.2	1			D
2011/12-4	000NONPJ	matrix spike	6/7/2012	Anion	Fluoride	n/a	=	20.5	mg/L	EPA 300.0	0.2	1			D
2011/12-4	000NONPJ	matrix spike dup	6/7/2012	Anion	Fluoride	n/a	=	20.9	mg/L	EPA 300.0	0.2	1			D
2011/12-4	000NONPJ	matrix spike dup	6/7/2012	Anion	Fluoride	n/a	=	20.8	mg/L	EPA 300.0	0.2	1			D
2011/12-4	000NONPJ	matrix spike dup, rec	6/7/2012	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	79	109	D
2011/12-4	000NONPJ	matrix spike dup, rec	6/7/2012	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	79	109	D
2011/12-4	000NONPJ	matrix spike, rec	6/7/2012	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	79	109	D
2011/12-4	000NONPJ	matrix spike, rec	6/7/2012	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	79	109	D
2011/12-4	000NONPJ	matrix spike, RPD	6/7/2012	Anion	Fluoride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	D
2011/12-4	000NONPJ	matrix spike, RPD	6/7/2012	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	D
2011/12-4	Lab	LCS	4/30/2012	Anion	Fluoride	n/a	=	2.08	mg/L	EPA 300.0	0.02	0.1			
2011/12-4	Lab	LCS, rec	4/30/2012	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2011/12-4	Lab	method blank	4/30/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2011/12-4	Lab	LCS	6/1/2012	Anion	Fluoride	n/a	=	2.2	mg/L	EPA 300.0	0.02	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Anion	Fluoride	n/a	=	110	%	EPA 300.0	-88	-88	90	110	
2011/12-4	Lab	method blank	6/1/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2011/12-4	Lab	LCS	6/7/2012	Anion	Fluoride	n/a	=	2.2	mg/L	EPA 300.0	0.02	0.1			
2011/12-4	Lab	LCS, rec	6/7/2012	Anion	Fluoride	n/a	=	110	%	EPA 300.0	-88	-88	90	110	
2011/12-4	Lab	method blank	6/7/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Anion	Fluoride	n/a	=	18.9	mg/L	EPA 300.0	0.2	1			D
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Anion	Fluoride	n/a	=	19.1	mg/L	EPA 300.0	0.2	1			D
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	79	109	D
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	79	109	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	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Anion	Fluoride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	D
2011/12-4	000NONPJ	matrix spike	5/2/2012	Anion	Perchlorate	n/a	=	9.95	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike	5/2/2012	Anion	Perchlorate	n/a	=	8.14	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike dup	5/2/2012	Anion	Perchlorate	n/a	=	10.2	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike dup	5/2/2012	Anion	Perchlorate	n/a	=	8.33	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike dup, rec	5/2/2012	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike dup, rec	5/2/2012	Anion	Perchlorate	n/a	=	83	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike, rec	5/2/2012	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike, rec	5/2/2012	Anion	Perchlorate	n/a	=	81	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike, RPD	5/2/2012	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2011/12-4	000NONPJ	matrix spike, RPD	5/2/2012	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2011/12-4	000NONPJ	matrix spike	5/25/2012	Anion	Perchlorate	n/a	=	9.94	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike dup	5/25/2012	Anion	Perchlorate	n/a	=	10.8	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike dup, rec	5/25/2012	Anion	Perchlorate	n/a	=	108	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike, rec	5/25/2012	Anion	Perchlorate	n/a	=	99	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike, RPD	5/25/2012	Anion	Perchlorate	n/a	=	8	%	EPA 314.0	-88	-88	0	15	
2011/12-4	000NONPJ	matrix spike	5/31/2012	Anion	Perchlorate	n/a	=	9.79	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike dup	5/31/2012	Anion	Perchlorate	n/a	=	9.27	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike dup, rec	5/31/2012	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike, rec	5/31/2012	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike, RPD	5/31/2012	Anion	Perchlorate	n/a	=	5	%	EPA 314.0	-88	-88	0	15	
2011/12-4	000NONPJ	matrix spike	6/1/2012	Anion	Perchlorate	n/a	=	12.6	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike	6/1/2012	Anion	Perchlorate	n/a	=	15.3	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike dup	6/1/2012	Anion	Perchlorate	n/a	=	15.5	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike dup	6/1/2012	Anion	Perchlorate	n/a	=	12.7	µg/L	EPA 314.0	0.95	2			
2011/12-4	000NONPJ	matrix spike dup, rec	6/1/2012	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike dup, rec	6/1/2012	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike, rec	6/1/2012	Anion	Perchlorate	n/a	=	92	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike, rec	6/1/2012	Anion	Perchlorate	n/a	=	101	%	EPA 314.0	-88	-88	80	120	
2011/12-4	000NONPJ	matrix spike, RPD	6/1/2012	Anion	Perchlorate	n/a	=	0.7	%	EPA 314.0	-88	-88	0	15	
2011/12-4	000NONPJ	matrix spike, RPD	6/1/2012	Anion	Perchlorate	n/a	=	0.9	%	EPA 314.0	-88	-88	0	15	
2011/12-4	Lab	LCS	5/2/2012	Anion	Perchlorate	n/a	=	9.75	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	LCS	5/2/2012	Anion	Perchlorate	n/a	=	9.81	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	LCS, rec	5/2/2012	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	85	115	
2011/12-4	Lab	LCS, rec	5/2/2012	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	85	115	
2011/12-4	Lab	method blank	5/2/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	method blank	5/2/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	LCS	5/25/2012	Anion	Perchlorate	n/a	=	10.1	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	LCS, rec	5/25/2012	Anion	Perchlorate	n/a	=	101	%	EPA 314.0	-88	-88	85	115	
2011/12-4	Lab	method blank	5/25/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	LCS	5/31/2012	Anion	Perchlorate	n/a	=	10.8	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	LCS, rec	5/31/2012	Anion	Perchlorate	n/a	=	108	%	EPA 314.0	-88	-88	85	115	
2011/12-4	Lab	method blank	5/31/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	LCS	6/1/2012	Anion	Perchlorate	n/a	=	11.3	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	LCS	6/1/2012	Anion	Perchlorate	n/a	=	11.2	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	LCS, rec	6/1/2012	Anion	Perchlorate	n/a	=	112	%	EPA 314.0	-88	-88	85	115	
2011/12-4	Lab	LCS, rec	6/1/2012	Anion	Perchlorate	n/a	=	113	%	EPA 314.0	-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	
2011/12-4	Lab	method blank	6/1/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	method blank	6/1/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2011/12-4	Lab	LCS	4/30/2012	Cation	Calcium	Total	=	49	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	Lab	LCS, rec	4/30/2012	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	4/30/2012	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	Lab	LCS	6/1/2012	Cation	Calcium	Total	=	46.5	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	6/1/2012	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	Lab	LCS	6/4/2012	Cation	Calcium	Total	=	49.2	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	Lab	LCS, rec	6/4/2012	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	ME-CC	matrix spike	6/4/2012	Cation	Calcium	Total	=	142	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	ME-CC	matrix spike dup	6/4/2012	Cation	Calcium	Total	=	138	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	ME-CC	matrix spike dup, rec	6/4/2012	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/4/2012	Cation	Calcium	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/4/2012	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/1/2012	Cation	Calcium	Total	=	185	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	ME-SCR	matrix spike dup	6/1/2012	Cation	Calcium	Total	=	184	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	ME-SCR	matrix spike dup, rec	6/1/2012	Cation	Calcium	Total	=	88	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/1/2012	Cation	Calcium	Total	=	89	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/1/2012	Cation	Calcium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/30/2012	Cation	Calcium	Total	=	163	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	ME-VR2	matrix spike dup	4/30/2012	Cation	Calcium	Total	=	164	mg/L	EPA 200.7	0.016	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	4/30/2012	Cation	Calcium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/30/2012	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/30/2012	Cation	Calcium	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2011/12-4	Lab	LCS	4/30/2012	Cation	Magnesium	Total	=	48.1	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	Lab	LCS, rec	4/30/2012	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	4/30/2012	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	Lab	LCS	6/1/2012	Cation	Magnesium	Total	=	46.4	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	6/1/2012	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	Lab	LCS	6/4/2012	Cation	Magnesium	Total	=	46.7	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	Lab	LCS, rec	6/4/2012	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	ME-CC	matrix spike	6/4/2012	Cation	Magnesium	Total	=	97.4	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	ME-CC	matrix spike dup	6/4/2012	Cation	Magnesium	Total	=	95.6	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	ME-CC	matrix spike dup, rec	6/4/2012	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/4/2012	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/4/2012	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/1/2012	Cation	Magnesium	Total	=	101	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	ME-SCR	matrix spike dup	6/1/2012	Cation	Magnesium	Total	=	102	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	ME-SCR	matrix spike dup, rec	6/1/2012	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/1/2012	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/1/2012	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/30/2012	Cation	Magnesium	Total	=	81.9	mg/L	EPA 200.7	0.012	0.1			
2011/12-4	ME-VR2	matrix spike dup	4/30/2012	Cation	Magnesium	Total	=	81.7	mg/L	EPA 200.7	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	
2011/12-4	ME-VR2	matrix spike dup, rec	4/30/2012	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/30/2012	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/30/2012	Cation	Magnesium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2011/12-4	000NONPJ	lab duplicate	5/7/2012	Conventional	Alkalinity as CaCO3	n/a	=	3.38	mg/L	SM 2320 B	0.56	2		15	
2011/12-4	000NONPJ	lab duplicate	5/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	125	mg/L	SM 2320 B	0.56	10		15	
2011/12-4	Lab	LCS	5/7/2012	Conventional	Alkalinity as CaCO3	n/a	=	247	mg/L	SM 2320 B	0.56	2			
2011/12-4	Lab	LCS, rec	5/7/2012	Conventional	Alkalinity as CaCO3	n/a	=	99	%	SM 2320 B	-88	-88	94	108	
2011/12-4	Lab	method blank	5/7/2012	Conventional	Alkalinity as CaCO3	n/a	DNQ	0.97	mg/L	SM 2320 B	0.56	2			
2011/12-4	Lab	LCS	5/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	262	mg/L	SM 2320 B	0.56	10			
2011/12-4	Lab	LCS, rec	5/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	105	%	SM 2320 B	-88	-88	94	108	
2011/12-4	Lab	method blank	5/30/2012	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.08	mg/L	SM 2320 B	0.56	10			
2011/12-4	Lab	LCS	4/30/2012	Conventional	BOD	n/a	=	194	mg/L	SM 5210 B	0.1	2			
2011/12-4	Lab	LCS, rec	4/30/2012	Conventional	BOD	n/a	=	98	%	SM 5210 B	-88	-88	85	115	
2011/12-4	Lab	LCS	5/29/2012	Conventional	BOD	n/a	=	186	mg/L	SM 5210 B	0.1	2			
2011/12-4	Lab	LCS, rec	5/29/2012	Conventional	BOD	n/a	=	94	%	SM 5210 B	-88	-88	85	115	
2011/12-4	Lab	LCS	5/30/2012	Conventional	BOD	n/a	=	170	mg/L	SM 5210 B	0.1	2			
2011/12-4	Lab	LCS, rec	5/30/2012	Conventional	BOD	n/a	=	86	%	SM 5210 B	-88	-88	85	115	
2011/12-4	000NONPJ	lab duplicate	5/2/2012	Conventional	COD	n/a	=	47.1	mg/L	EPA 410.4	0.73	5			
2011/12-4	000NONPJ	matrix spike	5/2/2012	Conventional	COD	n/a	=	194	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike	5/2/2012	Conventional	COD	n/a	=	252	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike dup	5/2/2012	Conventional	COD	n/a	=	247	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike dup	5/2/2012	Conventional	COD	n/a	=	192	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike dup, rec	5/2/2012	Conventional	COD	n/a	=	91	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike dup, rec	5/2/2012	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, rec	5/2/2012	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, rec	5/2/2012	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, RPD	5/2/2012	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	D
2011/12-4	000NONPJ	matrix spike, RPD	5/2/2012	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	D
2011/12-4	000NONPJ	lab duplicate	5/24/2012	Conventional	COD	n/a	=	56.8	mg/L	EPA 410.4	0.73	5			
2011/12-4	000NONPJ	matrix spike	5/24/2012	Conventional	COD	n/a	=	236	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike	5/24/2012	Conventional	COD	n/a	=	216	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike dup	5/24/2012	Conventional	COD	n/a	=	250	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike dup	5/24/2012	Conventional	COD	n/a	=	224	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike dup, rec	5/24/2012	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike dup, rec	5/24/2012	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, rec	5/24/2012	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, rec	5/24/2012	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, RPD	5/24/2012	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	D
2011/12-4	000NONPJ	matrix spike, RPD	5/24/2012	Conventional	COD	n/a	=	6	%	EPA 410.4	-88	-88	0	15	D
2011/12-4	000NONPJ	lab duplicate	6/1/2012	Conventional	COD	n/a	=	5360	mg/L	EPA 410.4	3.6	25			D
2011/12-4	000NONPJ	matrix spike	6/1/2012	Conventional	COD	n/a	=	204	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike	6/1/2012	Conventional	COD	n/a	=	2940	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike dup	6/1/2012	Conventional	COD	n/a	=	213	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike dup	6/1/2012	Conventional	COD	n/a	=	2880	mg/L	EPA 410.4	1.5	10			D
2011/12-4	000NONPJ	matrix spike dup, rec	6/1/2012	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike dup, rec	6/1/2012	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, rec	6/1/2012	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	D

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	000NONPJ	matrix spike, rec	6/1/2012	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, RPD	6/1/2012	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	D
2011/12-4	000NONPJ	matrix spike, RPD	6/1/2012	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	D
2011/12-4	Lab	LCS	5/2/2012	Conventional	COD	n/a	=	104	mg/L	EPA 410.4	0.73	5			
2011/12-4	Lab	LCS, rec	5/2/2012	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2011/12-4	Lab	method blank	5/2/2012	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2011/12-4	Lab	LCS	5/24/2012	Conventional	COD	n/a	=	100	mg/L	EPA 410.4	0.73	5			
2011/12-4	Lab	LCS, rec	5/24/2012	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2011/12-4	Lab	method blank	5/24/2012	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2011/12-4	Lab	LCS	6/1/2012	Conventional	COD	n/a	=	959	mg/L	EPA 410.4	0.73	5			
2011/12-4	Lab	LCS, rec	6/1/2012	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2011/12-4	Lab	method blank	6/1/2012	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2011/12-4	000NONPJ	matrix spike	5/8/2012	Conventional	Cyanide	Total	=	0.17	mg/L	EPA 335.4	0.0055	0.01			GB
2011/12-4	000NONPJ	matrix spike	5/8/2012	Conventional	Cyanide	Total	=	0.306	mg/L	EPA 335.4	0.0055	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/8/2012	Conventional	Cyanide	Total	=	0.294	mg/L	EPA 335.4	0.0055	0.01			D,GB
2011/12-4	000NONPJ	matrix spike dup	5/8/2012	Conventional	Cyanide	Total	=	0.246	mg/L	EPA 335.4	0.0055	0.01			D,GB
2011/12-4	000NONPJ	matrix spike dup, rec	5/8/2012	Conventional	Cyanide	Total	=	79	%	EPA 335.4	-88	-88	90	110	D,GB
2011/12-4	000NONPJ	matrix spike dup, rec	5/8/2012	Conventional	Cyanide	Total	=	94	%	EPA 335.4	-88	-88	90	110	D,GB
2011/12-4	000NONPJ	matrix spike, rec	5/8/2012	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	5/8/2012	Conventional	Cyanide	Total	=	54	%	EPA 335.4	-88	-88	90	110	GB
2011/12-4	000NONPJ	matrix spike, RPD	5/8/2012	Conventional	Cyanide	Total	=	22	%	EPA 335.4	-88	-88	0	20	D,IL
2011/12-4	000NONPJ	matrix spike, RPD	5/8/2012	Conventional	Cyanide	Total	=	54	%	EPA 335.4	-88	-88	0	20	D,IL
2011/12-4	Lab	LCS	5/8/2012	Conventional	Cyanide	Total	=	0.0605	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	Lab	LCS, rec	5/8/2012	Conventional	Cyanide	Total	=	97	%	EPA 335.4	-88	-88	90	110	
2011/12-4	Lab	method blank	5/8/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	Lab	LCS	6/7/2012	Conventional	Cyanide	Total	=	0.0618	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	Lab	LCS	6/7/2012	Conventional	Cyanide	Total	=	0.0596	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	Lab	LCS, rec	6/7/2012	Conventional	Cyanide	Total	=	95	%	EPA 335.4	-88	-88	90	110	
2011/12-4	Lab	LCS, rec	6/7/2012	Conventional	Cyanide	Total	=	99	%	EPA 335.4	-88	-88	90	110	
2011/12-4	Lab	method blank	6/7/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	Lab	method blank	6/7/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	ME-CC	matrix spike	6/7/2012	Conventional	Cyanide	Total	=	0.0616	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	ME-CC	matrix spike dup	6/7/2012	Conventional	Cyanide	Total	=	0.0595	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	ME-CC	matrix spike dup, rec	6/7/2012	Conventional	Cyanide	Total	=	95	%	EPA 335.4	-88	-88	90	110	
2011/12-4	ME-CC	matrix spike, rec	6/7/2012	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	
2011/12-4	ME-CC	matrix spike, RPD	6/7/2012	Conventional	Cyanide	Total	=	3	%	EPA 335.4	-88	-88	0	20	
2011/12-4	ME-SCR	matrix spike	6/7/2012	Conventional	Cyanide	Total	=	0.0614	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	ME-SCR	matrix spike dup	6/7/2012	Conventional	Cyanide	Total	=	0.0559	mg/L	EPA 335.4	0.0027	0.005			GB
2011/12-4	ME-SCR	matrix spike dup, rec	6/7/2012	Conventional	Cyanide	Total	=	89	%	EPA 335.4	-88	-88	90	110	GB
2011/12-4	ME-SCR	matrix spike, rec	6/7/2012	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	
2011/12-4	ME-SCR	matrix spike, RPD	6/7/2012	Conventional	Cyanide	Total	=	9	%	EPA 335.4	-88	-88	0	20	
2011/12-4	MO-HUE	matrix spike	6/7/2012	Conventional	Cyanide	Total	=	0.0686	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	MO-HUE	matrix spike dup	6/7/2012	Conventional	Cyanide	Total	=	0.0667	mg/L	EPA 335.4	0.0027	0.005			
2011/12-4	MO-HUE	matrix spike dup, rec	6/7/2012	Conventional	Cyanide	Total	=	107	%	EPA 335.4	-88	-88	90	110	
2011/12-4	MO-HUE	matrix spike, rec	6/7/2012	Conventional	Cyanide	Total	=	110	%	EPA 335.4	-88	-88	90	110	
2011/12-4	MO-HUE	matrix spike, RPD	6/7/2012	Conventional	Cyanide	Total	=	3	%	EPA 335.4	-88	-88	0	20	
2011/12-4	MO-VEN	matrix spike	6/7/2012	Conventional	Cyanide	Total	=	0.0547	mg/L	EPA 335.4	0.0027	0.005			GB

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-VEN	matrix spike dup	6/7/2012	Conventional	Cyanide	Total	=	0.0529	mg/L	EPA 335.4	0.0027	0.005			GB
2011/12-4	MO-VEN	matrix spike dup, rec	6/7/2012	Conventional	Cyanide	Total	=	85	%	EPA 335.4	-88	-88	90	110	GB
2011/12-4	MO-VEN	matrix spike, rec	6/7/2012	Conventional	Cyanide	Total	=	87	%	EPA 335.4	-88	-88	90	110	GB
2011/12-4	MO-VEN	matrix spike, RPD	6/7/2012	Conventional	Cyanide	Total	=	3	%	EPA 335.4	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	4/25/2012	Conventional	MBAS	n/a	=	0.213	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	000NONPJ	matrix spike dup	4/25/2012	Conventional	MBAS	n/a	=	0.215	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	000NONPJ	matrix spike dup, rec	4/25/2012	Conventional	MBAS	n/a	=	107	%	SM 5540 C	-88	-88	77	118	
2011/12-4	000NONPJ	matrix spike, rec	4/25/2012	Conventional	MBAS	n/a	=	106	%	SM 5540 C	-88	-88	77	118	
2011/12-4	000NONPJ	matrix spike, RPD	4/25/2012	Conventional	MBAS	n/a	=	0.9	%	SM 5540 C	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	5/25/2012	Conventional	MBAS	n/a	=	0.314	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	000NONPJ	matrix spike dup	5/25/2012	Conventional	MBAS	n/a	=	0.309	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	000NONPJ	matrix spike dup, rec	5/25/2012	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	77	118	
2011/12-4	000NONPJ	matrix spike, rec	5/25/2012	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	77	118	
2011/12-4	000NONPJ	matrix spike, RPD	5/25/2012	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	20	
2011/12-4	Lab	LCS	4/25/2012	Conventional	MBAS	n/a	=	0.198	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	Lab	LCS, rec	4/25/2012	Conventional	MBAS	n/a	=	99	%	SM 5540 C	-88	-88	79	113	
2011/12-4	Lab	method blank	4/25/2012	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	Lab	LCS	5/23/2012	Conventional	MBAS	n/a	=	0.192	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	Lab	LCS, rec	5/23/2012	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	79	113	
2011/12-4	Lab	method blank	5/23/2012	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	Lab	LCS	5/25/2012	Conventional	MBAS	n/a	=	0.195	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	Lab	LCS, rec	5/25/2012	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	79	113	
2011/12-4	Lab	method blank	5/25/2012	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	ME-SCR	matrix spike	5/23/2012	Conventional	MBAS	n/a	=	0.214	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	ME-SCR	matrix spike dup	5/23/2012	Conventional	MBAS	n/a	=	0.22	mg/L	SM 5540 C	0.019	0.05			
2011/12-4	ME-SCR	matrix spike dup, rec	5/23/2012	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	77	118	
2011/12-4	ME-SCR	matrix spike, rec	5/23/2012	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	77	118	
2011/12-4	ME-SCR	matrix spike, RPD	5/23/2012	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	5/1/2012	Conventional	Phenolics	n/a	=	0.236	mg/L	EPA 420.4	0.0042	0.01			
2011/12-4	000NONPJ	matrix spike	5/1/2012	Conventional	Phenolics	n/a	=	0.29	mg/L	EPA 420.4	0.0084	0.02			D
2011/12-4	000NONPJ	matrix spike dup	5/1/2012	Conventional	Phenolics	n/a	=	0.224	mg/L	EPA 420.4	0.0042	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/1/2012	Conventional	Phenolics	n/a	=	0.287	mg/L	EPA 420.4	0.0084	0.02			D
2011/12-4	000NONPJ	matrix spike dup, rec	5/1/2012	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike dup, rec	5/1/2012	Conventional	Phenolics	n/a	=	92	%	EPA 420.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, rec	5/1/2012	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, rec	5/1/2012	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, RPD	5/1/2012	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	D
2011/12-4	000NONPJ	matrix spike, RPD	5/1/2012	Conventional	Phenolics	n/a	=	5	%	EPA 420.4	-88	-88	0	20	
2011/12-4	Lab	LCS	5/1/2012	Conventional	Phenolics	n/a	=	0.094	mg/L	EPA 420.4	0.0042	0.01			
2011/12-4	Lab	LCS, rec	5/1/2012	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2011/12-4	Lab	method blank	5/1/2012	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2011/12-4	Lab	LCS	5/29/2012	Conventional	Phenolics	n/a	=	0.0967	mg/L	EPA 420.4	0.0042	0.01			
2011/12-4	Lab	LCS, rec	5/29/2012	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2011/12-4	Lab	method blank	5/29/2012	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2011/12-4	Lab	LCS	6/5/2012	Conventional	Phenolics	n/a	=	0.1	mg/L	EPA 420.4	0.0042	0.01			
2011/12-4	Lab	LCS, rec	6/5/2012	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2011/12-4	Lab	method blank	6/5/2012	Conventional	Phenolics	n/a	<	0.0042	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	
2011/12-4	ME-CC	matrix spike	6/5/2012	Conventional	Phenolics	n/a	=	0.218	mg/L	EPA 420.4	0.0084	0.02			D,GB
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Conventional	Phenolics	n/a	=	0.218	mg/L	EPA 420.4	0.0084	0.02			D,GB
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Conventional	Phenolics	n/a	=	87	%	EPA 420.4	-88	-88	90	110	D,GB
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Conventional	Phenolics	n/a	=	87	%	EPA 420.4	-88	-88	90	110	D,GB
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Conventional	Phenolics	n/a	=	0.1	%	EPA 420.4	-88	-88	0	20	D
2011/12-4	ME-SCR	matrix spike	5/29/2012	Conventional	Phenolics	n/a	=	0.297	mg/L	EPA 420.4	0.0084	0.02			D,GB
2011/12-4	ME-SCR	matrix spike dup	5/29/2012	Conventional	Phenolics	n/a	=	0.3	mg/L	EPA 420.4	0.0084	0.02			D
2011/12-4	ME-SCR	matrix spike dup, rec	5/29/2012	Conventional	Phenolics	n/a	=	90	%	EPA 420.4	-88	-88	90	110	D
2011/12-4	ME-SCR	matrix spike, rec	5/29/2012	Conventional	Phenolics	n/a	=	88	%	EPA 420.4	-88	-88	90	110	D,GB
2011/12-4	ME-SCR	matrix spike, RPD	5/29/2012	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	D
2011/12-4	MO-CAM	matrix spike	6/5/2012	Conventional	Phenolics	n/a	=	0.25	mg/L	EPA 420.4	0.0042	0.01			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Conventional	Phenolics	n/a	=	0.245	mg/L	EPA 420.4	0.0042	0.01			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Conventional	Phenolics	n/a	=	91	%	EPA 420.4	-88	-88	90	110	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2011/12-4	MO-VEN	matrix spike	5/29/2012	Conventional	Phenolics	n/a	=	0.279	mg/L	EPA 420.4	0.0084	0.02			D
2011/12-4	MO-VEN	matrix spike dup	5/29/2012	Conventional	Phenolics	n/a	=	0.289	mg/L	EPA 420.4	0.0084	0.02			D
2011/12-4	MO-VEN	matrix spike dup, rec	5/29/2012	Conventional	Phenolics	n/a	=	106	%	EPA 420.4	-88	-88	90	110	D
2011/12-4	MO-VEN	matrix spike, rec	5/29/2012	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	D
2011/12-4	MO-VEN	matrix spike, RPD	5/29/2012	Conventional	Phenolics	n/a	=	4	%	EPA 420.4	-88	-88	0	20	D
2011/12-4	000NONPJ	lab duplicate	4/30/2012	Conventional	Specific Conductance	n/a	=	25.8	µmhos/cm	SM 2510 B	0.23	2		4.28	
2011/12-4	000NONPJ	lab duplicate	5/25/2012	Conventional	Specific Conductance	n/a	=	454	µmhos/cm	SM 2510 B	0.23	2		4.28	
2011/12-4	000NONPJ	lab duplicate	5/31/2012	Conventional	Specific Conductance	n/a	=	1560	µmhos/cm	SM 2510 B	0.47	4		4.28	D
2011/12-4	Lab	LCS	4/30/2012	Conventional	Specific Conductance	n/a	=	202	µmhos/cm	SM 2510 B	0.23	2			
2011/12-4	Lab	LCS, rec	4/30/2012	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2011/12-4	Lab	method blank	4/30/2012	Conventional	Specific Conductance	n/a	DNQ	0.32	µmhos/cm	SM 2510 B	0.23	2			
2011/12-4	Lab	LCS	5/25/2012	Conventional	Specific Conductance	n/a	=	197	µmhos/cm	SM 2510 B	0.23	2			
2011/12-4	Lab	LCS, rec	5/25/2012	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2011/12-4	Lab	method blank	5/25/2012	Conventional	Specific Conductance	n/a	DNQ	0.48	µmhos/cm	SM 2510 B	0.23	2			
2011/12-4	Lab	LCS	5/31/2012	Conventional	Specific Conductance	n/a	=	203	µmhos/cm	SM 2510 B	0.23	2			
2011/12-4	Lab	LCS, rec	5/31/2012	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2011/12-4	Lab	method blank	5/31/2012	Conventional	Specific Conductance	n/a	DNQ	0.44	µmhos/cm	SM 2510 B	0.23	2			
2011/12-4	Lab	LCS	5/25/2012	Conventional	Total Chlorine Residual	n/a	=	0.199	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-4	Lab	LCS, rec	5/25/2012	Conventional	Total Chlorine Residual	n/a	=	99	%	SM 4500-Cl G	-88	-88	82	112	
2011/12-4	Lab	method blank	5/25/2012	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2011/12-4	ME-CC	matrix spike	5/25/2012	Conventional	Total Chlorine Residual	n/a	=	0.282	mg/L	SM 4500-Cl G	0.0015	0.05			BV
2011/12-4	ME-CC	matrix spike dup	5/25/2012	Conventional	Total Chlorine Residual	n/a	=	0.274	mg/L	SM 4500-Cl G	0.0015	0.05			BV
2011/12-4	ME-CC	matrix spike dup, rec	5/25/2012	Conventional	Total Chlorine Residual	n/a	=	113	%	SM 4500-Cl G	-88	-88	65	128	BV
2011/12-4	ME-CC	matrix spike, rec	5/25/2012	Conventional	Total Chlorine Residual	n/a	=	116	%	SM 4500-Cl G	-88	-88	65	128	BV
2011/12-4	ME-CC	matrix spike, RPD	5/25/2012	Conventional	Total Chlorine Residual	n/a	=	3	%	SM 4500-Cl G	-88	-88	0	15	BV
2011/12-4	000NONPJ	lab duplicate	4/30/2012	Conventional	Total Dissolved Solids	n/a	=	654	mg/L	SM 2540 C	4	10		10	
2011/12-4	000NONPJ	lab duplicate	4/30/2012	Conventional	Total Dissolved Solids	n/a	=	481	mg/L	SM 2540 C	4	10		10	
2011/12-4	000NONPJ	lab duplicate	5/25/2012	Conventional	Total Dissolved Solids	n/a	=	809	mg/L	SM 2540 C	4	10		10	
2011/12-4	000NONPJ	lab duplicate	5/30/2012	Conventional	Total Dissolved Solids	n/a	=	364	mg/L	SM 2540 C	4	10		10	
2011/12-4	000NONPJ	lab duplicate	5/30/2012	Conventional	Total Dissolved Solids	n/a	=	753	mg/L	SM 2540 C	4	10		10	
2011/12-4	Lab	LCS	4/30/2012	Conventional	Total Dissolved Solids	n/a	=	819	mg/L	SM 2540 C	4	10			
2011/12-4	Lab	LCS, rec	4/30/2012	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	91	104	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	method blank	4/30/2012	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2011/12-4	Lab	LCS	5/25/2012	Conventional	Total Dissolved Solids	n/a	=	830	mg/L	SM 2540 C	4	10			
2011/12-4	Lab	LCS, rec	5/25/2012	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	91	104	
2011/12-4	Lab	method blank	5/25/2012	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2011/12-4	Lab	LCS	5/30/2012	Conventional	Total Dissolved Solids	n/a	=	804	mg/L	SM 2540 C	4	10			
2011/12-4	Lab	LCS, rec	5/30/2012	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	91	104	
2011/12-4	Lab	method blank	5/30/2012	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2011/12-4	000NONPJ	matrix spike	5/2/2012	Conventional	Total Organic Carbon	n/a	=	4.9	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	000NONPJ	matrix spike dup	5/2/2012	Conventional	Total Organic Carbon	n/a	=	4.86	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	000NONPJ	matrix spike dup, rec	5/2/2012	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	84	107	
2011/12-4	000NONPJ	matrix spike, rec	5/2/2012	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	84	107	
2011/12-4	000NONPJ	matrix spike, RPD	5/2/2012	Conventional	Total Organic Carbon	n/a	=	0.9	%	SM 5310 C	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	6/1/2012	Conventional	Total Organic Carbon	n/a	=	4.93	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	000NONPJ	matrix spike dup	6/1/2012	Conventional	Total Organic Carbon	n/a	=	5.05	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	000NONPJ	matrix spike dup, rec	6/1/2012	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	84	107	
2011/12-4	000NONPJ	matrix spike, rec	6/1/2012	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 C	-88	-88	84	107	
2011/12-4	000NONPJ	matrix spike, RPD	6/1/2012	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	6/4/2012	Conventional	Total Organic Carbon	n/a	=	5.44	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	000NONPJ	matrix spike dup	6/4/2012	Conventional	Total Organic Carbon	n/a	=	5.53	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	000NONPJ	matrix spike dup, rec	6/4/2012	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 C	-88	-88	84	107	
2011/12-4	000NONPJ	matrix spike, rec	6/4/2012	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	84	107	
2011/12-4	000NONPJ	matrix spike, RPD	6/4/2012	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	
2011/12-4	Lab	LCS	5/2/2012	Conventional	Total Organic Carbon	n/a	=	5	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	Lab	LCS, rec	5/2/2012	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 C	-88	-88	90	110	
2011/12-4	Lab	method blank	5/2/2012	Conventional	Total Organic Carbon	n/a	DNQ	0.0187	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	Lab	LCS	6/1/2012	Conventional	Total Organic Carbon	n/a	=	5.04	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	Lab	LCS, rec	6/1/2012	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 C	-88	-88	90	110	
2011/12-4	Lab	method blank	6/1/2012	Conventional	Total Organic Carbon	n/a	DNQ	0.0252	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	Lab	LCS	6/4/2012	Conventional	Total Organic Carbon	n/a	=	5.06	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	Lab	LCS, rec	6/4/2012	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 C	-88	-88	90	110	
2011/12-4	Lab	method blank	6/4/2012	Conventional	Total Organic Carbon	n/a	<	0.009	mg/L	SM 5310 C	0.009	0.3			
2011/12-4	000NONPJ	lab duplicate	4/25/2012	Conventional	Total Suspended Solids	n/a	=	19	mg/L	SM 2540 D	5	5		20	
2011/12-4	000NONPJ	lab duplicate	4/25/2012	Conventional	Total Suspended Solids	n/a	=	440	mg/L	SM 2540 D	5	5		20	
2011/12-4	000NONPJ	lab duplicate	5/24/2012	Conventional	Total Suspended Solids	n/a	=	540	mg/L	SM 2540 D	5	5		20	
2011/12-4	000NONPJ	lab duplicate	5/24/2012	Conventional	Total Suspended Solids	n/a	=	321	mg/L	SM 2540 D	5	5		20	
2011/12-4	000NONPJ	lab duplicate	5/30/2012	Conventional	Total Suspended Solids	n/a	=	406	mg/L	SM 2540 D	5	5		20	
2011/12-4	000NONPJ	lab duplicate	5/30/2012	Conventional	Total Suspended Solids	n/a	=	12	mg/L	SM 2540 D	5	5		20	
2011/12-4	Lab	method blank	4/25/2012	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2011/12-4	Lab	method blank	5/24/2012	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2011/12-4	Lab	method blank	5/30/2012	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2011/12-4	000NONPJ	lab duplicate	4/25/2012	Conventional	Turbidity	n/a	=	3.99	NTU	EPA 180.1	0.024	0.1		10	
2011/12-4	000NONPJ	lab duplicate	5/23/2012	Conventional	Turbidity	n/a	=	2.91	NTU	EPA 180.1	0.024	0.1		10	
2011/12-4	000NONPJ	lab duplicate	5/23/2012	Conventional	Turbidity	n/a	=	14	NTU	EPA 180.1	0.024	0.1		10	
2011/12-4	000NONPJ	lab duplicate	5/25/2012	Conventional	Turbidity	n/a	=	5.98	NTU	EPA 180.1	0.024	0.1		10	
2011/12-4	Lab	LCS	4/25/2012	Conventional	Turbidity	n/a	=	4.52	NTU	EPA 180.1	0.024	0.1			
2011/12-4	Lab	LCS, rec	4/25/2012	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2011/12-4	Lab	method blank	4/25/2012	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	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	
2011/12-4	Lab	LCS	5/23/2012	Conventional	Turbidity	n/a	=	4.54	NTU	EPA 180.1	0.024	0.1			
2011/12-4	Lab	LCS	5/23/2012	Conventional	Turbidity	n/a	=	4.62	NTU	EPA 180.1	0.024	0.1			
2011/12-4	Lab	LCS, rec	5/23/2012	Conventional	Turbidity	n/a	=	103	%	EPA 180.1	-88	-88	90	110	
2011/12-4	Lab	LCS, rec	5/23/2012	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2011/12-4	Lab	method blank	5/23/2012	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2011/12-4	Lab	method blank	5/23/2012	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2011/12-4	Lab	LCS	5/25/2012	Conventional	Turbidity	n/a	=	4.52	NTU	EPA 180.1	0.024	0.1			
2011/12-4	Lab	LCS, rec	5/25/2012	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2011/12-4	Lab	method blank	5/25/2012	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2011/12-4	000NONPJ	lab duplicate	4/25/2012	Conventional	Volatile Suspended Solids	n/a	=	360	mg/L	EPA 160.4	3.1	5		15	
2011/12-4	000NONPJ	lab duplicate	5/24/2012	Conventional	Volatile Suspended Solids	n/a	=	370	mg/L	EPA 160.4	3.1	5		15	
2011/12-4	000NONPJ	lab duplicate	5/30/2012	Conventional	Volatile Suspended Solids	n/a	=	6	mg/L	EPA 160.4	3.1	5		15	
2011/12-4	Lab	method blank	4/25/2012	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2011/12-4	Lab	method blank	5/24/2012	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2011/12-4	Lab	method blank	5/30/2012	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2011/12-4	Lab	LCS	4/25/2012	Hydrocarbon	Oil and Grease	n/a	DNQ	4.3	mg/L	EPA 1664A	1.3	5			
2011/12-4	Lab	LCS	4/25/2012	Hydrocarbon	Oil and Grease	n/a	=	17.6	mg/L	EPA 1664A	1.3	5			
2011/12-4	Lab	LCS dup	4/25/2012	Hydrocarbon	Oil and Grease	n/a	=	16.6	mg/L	EPA 1664A	1.3	5			
2011/12-4	Lab	LCS dup, rec	4/25/2012	Hydrocarbon	Oil and Grease	n/a	=	83	%	EPA 1664A	-88	-88	78	114	
2011/12-4	Lab	LCS, rec	4/25/2012	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	
2011/12-4	Lab	LCS, rec	4/25/2012	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2011/12-4	Lab	LCS, RPD	4/25/2012	Hydrocarbon	Oil and Grease	n/a	=	6	%	EPA 1664A	-88	-88	0	18	
2011/12-4	Lab	method blank	4/25/2012	Hydrocarbon	Oil and Grease	n/a	DNQ	1.4	mg/L	EPA 1664A	1.3	5			
2011/12-4	Lab	LCS	5/31/2012	Hydrocarbon	Oil and Grease	n/a	=	5.7	mg/L	EPA 1664A	1.1	5			
2011/12-4	Lab	LCS	5/31/2012	Hydrocarbon	Oil and Grease	n/a	=	17.8	mg/L	EPA 1664A	1.1	5			
2011/12-4	Lab	LCS dup	5/31/2012	Hydrocarbon	Oil and Grease	n/a	=	16.2	mg/L	EPA 1664A	1.1	5			
2011/12-4	Lab	LCS dup, rec	5/31/2012	Hydrocarbon	Oil and Grease	n/a	=	81	%	EPA 1664A	-88	-88	78	114	
2011/12-4	Lab	LCS, rec	5/31/2012	Hydrocarbon	Oil and Grease	n/a	=	89	%	EPA 1664A	-88	-88	78	114	
2011/12-4	Lab	LCS, rec	5/31/2012	Hydrocarbon	Oil and Grease	n/a	=	114	%	EPA 1664A	-88	-88	78	114	
2011/12-4	Lab	LCS, RPD	5/31/2012	Hydrocarbon	Oil and Grease	n/a	=	9	%	EPA 1664A	-88	-88	0	18	
2011/12-4	Lab	method blank	5/31/2012	Hydrocarbon	Oil and Grease	n/a	<	1.1	mg/L	EPA 1664A	1.1	5			
2011/12-4	Lab	LCS	6/4/2012	Hydrocarbon	Oil and Grease	n/a	=	5.7	mg/L	EPA 1664A	1.3	5			
2011/12-4	Lab	LCS	6/4/2012	Hydrocarbon	Oil and Grease	n/a	=	15.5	mg/L	EPA 1664A	1.3	5			
2011/12-4	Lab	LCS dup	6/4/2012	Hydrocarbon	Oil and Grease	n/a	=	17.6	mg/L	EPA 1664A	1.3	5			
2011/12-4	Lab	LCS dup, rec	6/4/2012	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	
2011/12-4	Lab	LCS, rec	6/4/2012	Hydrocarbon	Oil and Grease	n/a	=	78	%	EPA 1664A	-88	-88	78	114	
2011/12-4	Lab	LCS, rec	6/4/2012	Hydrocarbon	Oil and Grease	n/a	=	114	%	EPA 1664A	-88	-88	78	114	
2011/12-4	Lab	LCS, RPD	6/4/2012	Hydrocarbon	Oil and Grease	n/a	=	13	%	EPA 1664A	-88	-88	0	18	
2011/12-4	Lab	method blank	6/4/2012	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2011/12-4	ME-CC	matrix spike	6/7/2012	Hydrocarbon	Oil and Grease	n/a	=	21	mg/L	EPA 1664A	1.3	5			
2011/12-4	ME-CC	matrix spike, rec	6/7/2012	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664A	-88	-88	78	114	
2011/12-4	ME-SCR	matrix spike	5/31/2012	Hydrocarbon	Oil and Grease	n/a	=	19.3	mg/L	EPA 1664A	1.1	5			
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	
2011/12-4	ME-VR2	matrix spike	4/25/2012	Hydrocarbon	Oil and Grease	n/a	=	17.1	mg/L	EPA 1664A	1.3	5			
2011/12-4	ME-VR2	matrix spike, rec	4/25/2012	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2011/12-4	Lab	method blank	4/25/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2011/12-4	Lab	LCS	5/31/2012	Hydrocarbon	TPH	n/a	=	7.4	mg/L	EPA 1664A	1.9	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS	5/31/2012	Hydrocarbon	TPH	n/a	DNQ	2.7	mg/L	EPA 1664A	1.9	5			
2011/12-4	Lab	LCS dup	5/31/2012	Hydrocarbon	TPH	n/a	=	6.9	mg/L	EPA 1664A	1.9	5			
2011/12-4	Lab	LCS dup, rec	5/31/2012	Hydrocarbon	TPH	n/a	=	69	%	EPA 1664A	-88	-88			
2011/12-4	Lab	LCS, rec	5/31/2012	Hydrocarbon	TPH	n/a	=	108	%	EPA 1664A	-88	-88			
2011/12-4	Lab	LCS, rec	5/31/2012	Hydrocarbon	TPH	n/a	=	74	%	EPA 1664A	-88	-88			
2011/12-4	Lab	LCS, RPD	5/31/2012	Hydrocarbon	TPH	n/a	=	7	%	EPA 1664A	-88	-88	0		
2011/12-4	Lab	method blank	5/31/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2011/12-4	Lab	LCS	6/4/2012	Hydrocarbon	TPH	n/a	=	6.7	mg/L	EPA 1664A	1.9	5			
2011/12-4	Lab	LCS	6/4/2012	Hydrocarbon	TPH	n/a	DNQ	2	mg/L	EPA 1664A	1.9	5			
2011/12-4	Lab	LCS dup	6/4/2012	Hydrocarbon	TPH	n/a	=	6.8	mg/L	EPA 1664A	1.9	5			
2011/12-4	Lab	LCS dup, rec	6/4/2012	Hydrocarbon	TPH	n/a	=	68	%	EPA 1664A	-88	-88			
2011/12-4	Lab	LCS, rec	6/4/2012	Hydrocarbon	TPH	n/a	=	67	%	EPA 1664A	-88	-88			
2011/12-4	Lab	LCS, rec	6/4/2012	Hydrocarbon	TPH	n/a	=	80	%	EPA 1664A	-88	-88			
2011/12-4	Lab	LCS, RPD	6/4/2012	Hydrocarbon	TPH	n/a	=	1	%	EPA 1664A	-88	-88	0		
2011/12-4	Lab	method blank	6/4/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2011/12-4	ME-CC	matrix spike	6/7/2012	Hydrocarbon	TPH	n/a	=	8.4	mg/L	EPA 1664A	1.9	5			
2011/12-4	ME-CC	matrix spike, rec	6/7/2012	Hydrocarbon	TPH	n/a	=	66	%	EPA 1664A	-88	-88			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Hydrocarbon	TPH	n/a	=	7.9	mg/L	EPA 1664A	1.9	5			
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Hydrocarbon	TPH	n/a	=	72	%	EPA 1664A	-88	-88			
2011/12-4	Lab	LCS	5/3/2012	Metal	Aluminum	Dissolved	=	51.1	µg/L	EPA 200.8	0.61	5			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Aluminum	Dissolved	DNQ	0.92	µg/L	EPA 200.8	0.61	5			
2011/12-4	Lab	LCS	6/4/2012	Metal	Aluminum	Dissolved	=	54.6	µg/L	EPA 200.8	0.61	5			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Aluminum	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Aluminum	Dissolved	DNQ	0.835	µg/L	EPA 200.8	0.61	5			
2011/12-4	Lab	LCS	6/6/2012	Metal	Aluminum	Dissolved	=	54.8	µg/L	EPA 200.8	0.61	5			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Aluminum	Dissolved	=	110	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Aluminum	Dissolved	<	0.61	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Aluminum	Dissolved	=	57.2	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Aluminum	Dissolved	=	57.7	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Aluminum	Dissolved	=	112	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Aluminum	Dissolved	=	111	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Aluminum	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Aluminum	Dissolved	=	53	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Aluminum	Dissolved	=	51	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Aluminum	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Aluminum	Dissolved	=	4	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Aluminum	Total	=	51.1	µg/L	EPA 200.8	0.61	5			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Aluminum	Total	DNQ	0.92	µg/L	EPA 200.8	0.61	5			
2011/12-4	Lab	LCS	6/4/2012	Metal	Aluminum	Total	=	54.6	µg/L	EPA 200.8	0.61	5			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Aluminum	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Aluminum	Total	DNQ	0.835	µg/L	EPA 200.8	0.61	5			
2011/12-4	Lab	LCS	6/6/2012	Metal	Aluminum	Total	=	54.8	µg/L	EPA 200.8	0.61	5			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Aluminum	Total	=	110	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Aluminum	Total	<	0.61	µg/L	EPA 200.8	0.61	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	
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Aluminum	Total	=	95.2	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Aluminum	Total	=	94.6	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Aluminum	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Aluminum	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Aluminum	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Aluminum	Total	=	57.2	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Aluminum	Total	=	57.7	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Aluminum	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Aluminum	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Aluminum	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Aluminum	Total	=	53	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Aluminum	Total	=	51	µg/L	EPA 200.8	0.61	5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Aluminum	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Aluminum	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Antimony	Dissolved	=	50.6	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Antimony	Dissolved	DNQ	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	Lab	LCS	6/4/2012	Metal	Antimony	Dissolved	=	51.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Antimony	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	Lab	LCS	6/6/2012	Metal	Antimony	Dissolved	=	52.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Antimony	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Antimony	Dissolved	=	49.2	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Antimony	Dissolved	=	49.3	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Antimony	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Antimony	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Antimony	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Antimony	Dissolved	=	49.5	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Antimony	Dissolved	=	47.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Antimony	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Antimony	Dissolved	=	4	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Antimony	Total	=	50.6	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Antimony	Total	DNQ	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	Lab	LCS	6/4/2012	Metal	Antimony	Total	=	51.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	Lab	LCS	6/6/2012	Metal	Antimony	Total	=	52.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Antimony	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Antimony	Total	=	50.3	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Antimony	Total	=	50.4	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Antimony	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Antimony	Total	=	49.2	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Antimony	Total	=	49.3	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Antimony	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Antimony	Total	=	49.5	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Antimony	Total	=	47.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Antimony	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Arsenic	Dissolved	=	50.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	Lab	LCS	6/4/2012	Metal	Arsenic	Dissolved	=	54.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Arsenic	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	Lab	LCS	6/6/2012	Metal	Arsenic	Dissolved	=	51.3	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Arsenic	Dissolved	=	52.1	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Arsenic	Dissolved	=	51.8	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Arsenic	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Arsenic	Dissolved	=	50.2	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Arsenic	Dissolved	=	49.5	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Arsenic	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Arsenic	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Arsenic	Total	=	50.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	Lab	LCS	6/4/2012	Metal	Arsenic	Total	=	54.4	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Arsenic	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	Lab	LCS	6/6/2012	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Arsenic	Total	=	53.5	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Arsenic	Total	=	53.2	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Arsenic	Total	=	52.1	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Arsenic	Total	=	51.8	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Arsenic	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Arsenic	Total	=	50.2	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Arsenic	Total	=	49.5	µg/L	EPA 200.8	0.036	0.4			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	6/4/2012	Metal	Barium	Total	=	53.3	µg/L	EPA 200.8	0.03	0.5			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Barium	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Barium	Total	<	0.03	µg/L	EPA 200.8	0.03	0.5			
2011/12-4	Lab	LCS	6/6/2012	Metal	Barium	Total	=	52.3	µg/L	EPA 200.8	0.03	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Barium	Total	<	0.03	µg/L	EPA 200.8	0.03	0.5			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Barium	Total	=	89	µg/L	EPA 200.8	0.03	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Barium	Total	=	89.2	µg/L	EPA 200.8	0.03	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Barium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Barium	Total	=	65.1	µg/L	EPA 200.8	0.03	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Barium	Total	=	63.9	µg/L	EPA 200.8	0.03	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Beryllium	Dissolved	=	49.9	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Beryllium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	Lab	LCS	6/4/2012	Metal	Beryllium	Dissolved	=	57.8	µg/L	EPA 200.8	0.088	0.1			EUM
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Beryllium	Dissolved	=	116	%	EPA 200.8	-88	-88	85	115	EUM
2011/12-4	Lab	method blank	6/4/2012	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	Lab	LCS	6/6/2012	Metal	Beryllium	Dissolved	=	48.7	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Beryllium	Dissolved	=	46.5	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Beryllium	Dissolved	=	47	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Beryllium	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Beryllium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Beryllium	Dissolved	=	34.7	µg/L	EPA 200.8	0.088	0.1			GB
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Beryllium	Dissolved	=	34.3	µg/L	EPA 200.8	0.088	0.1			GB
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Beryllium	Dissolved	=	69	%	EPA 200.8	-88	-88	70	130	GB
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Beryllium	Dissolved	=	69	%	EPA 200.8	-88	-88	70	130	GB
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Beryllium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Beryllium	Total	=	49.9	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	Lab	LCS	6/4/2012	Metal	Beryllium	Total	=	57.8	µg/L	EPA 200.8	0.088	0.1			EUM
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Beryllium	Total	=	116	%	EPA 200.8	-88	-88	85	115	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	
2011/12-4	Lab	method blank	6/4/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	Lab	LCS	6/6/2012	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Beryllium	Total	=	41.1	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Beryllium	Total	=	40.2	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Beryllium	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Beryllium	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Beryllium	Total	=	46.5	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Beryllium	Total	=	47	µg/L	EPA 200.8	0.088	0.1			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Beryllium	Total	=	34.7	µg/L	EPA 200.8	0.088	0.1			GB
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Beryllium	Total	=	34.3	µg/L	EPA 200.8	0.088	0.1			GB
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Beryllium	Total	=	69	%	EPA 200.8	-88	-88	70	130	GB
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Beryllium	Total	=	69	%	EPA 200.8	-88	-88	70	130	GB
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Cadmium	Dissolved	=	50.6	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Cadmium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	Lab	LCS	6/4/2012	Metal	Cadmium	Dissolved	=	55.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Cadmium	Dissolved	=	111	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	Lab	LCS	6/6/2012	Metal	Cadmium	Dissolved	=	53	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Cadmium	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Cadmium	Dissolved	=	46.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Cadmium	Dissolved	=	45.4	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Cadmium	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Cadmium	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Cadmium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Cadmium	Dissolved	=	44.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Cadmium	Dissolved	=	43.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Cadmium	Dissolved	=	86	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Cadmium	Dissolved	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Cadmium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Cadmium	Total	=	50.6	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	Lab	LCS	6/4/2012	Metal	Cadmium	Total	=	55.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Cadmium	Total	=	111	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	Lab	LCS	6/6/2012	Metal	Cadmium	Total	=	53	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Cadmium	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Cadmium	Total	=	46.6	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Cadmium	Total	=	46.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Cadmium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Cadmium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Cadmium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Cadmium	Total	=	46.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Cadmium	Total	=	45.4	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Cadmium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Cadmium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Cadmium	Total	=	44.5	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Cadmium	Total	=	43.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Cadmium	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Cadmium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Chromium	Dissolved	=	51	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Chromium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	Lab	LCS	6/4/2012	Metal	Chromium	Dissolved	=	54.7	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Chromium	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	Lab	LCS	6/6/2012	Metal	Chromium	Dissolved	=	51.5	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Chromium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Chromium	Dissolved	=	49.3	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Chromium	Dissolved	=	49.5	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Chromium	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Chromium	Dissolved	=	55.7	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Chromium	Dissolved	=	55.1	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Chromium	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Chromium	Dissolved	=	108	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Chromium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Chromium	Total	=	51	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	Lab	LCS	6/4/2012	Metal	Chromium	Total	=	54.7	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Chromium	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	Lab	LCS	6/6/2012	Metal	Chromium	Total	=	51.5	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Chromium	Total	=	57.2	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Chromium	Total	=	55.5	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Chromium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Chromium	Total	=	113	%	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	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Chromium	Total	=	49.3	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Chromium	Total	=	49.5	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Chromium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Chromium	Total	=	55.7	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Chromium	Total	=	55.1	µg/L	EPA 200.8	0.074	0.2			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Chromium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Chromium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	4/26/2012	Metal	Chromium VI	n/a	=	6.77	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	000NONPJ	matrix spike dup	4/26/2012	Metal	Chromium VI	n/a	=	7.51	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	000NONPJ	matrix spike dup, rec	4/26/2012	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2011/12-4	000NONPJ	matrix spike, rec	4/26/2012	Metal	Chromium VI	n/a	=	88	%	EPA 218.6	-88	-88	88	112	
2011/12-4	000NONPJ	matrix spike, RPD	4/26/2012	Metal	Chromium VI	n/a	=	10	%	EPA 218.6	-88	-88	0	10	
2011/12-4	000NONPJ	matrix spike	6/1/2012	Metal	Chromium VI	n/a	=	5.44	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	000NONPJ	matrix spike dup	6/1/2012	Metal	Chromium VI	n/a	=	5.49	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	000NONPJ	matrix spike dup, rec	6/1/2012	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2011/12-4	000NONPJ	matrix spike, rec	6/1/2012	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2011/12-4	000NONPJ	matrix spike, RPD	6/1/2012	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Metal	Chromium VI	n/a	=	6.41	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Metal	Chromium VI	n/a	=	6.64	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2011/12-4	Lab	LCS	4/26/2012	Metal	Chromium VI	n/a	=	5.09	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	Lab	LCS, rec	4/26/2012	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	90	110	
2011/12-4	Lab	method blank	4/26/2012	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	Lab	LCS	6/1/2012	Metal	Chromium VI	n/a	=	5.03	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	Lab	LCS, rec	6/1/2012	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	90	110	
2011/12-4	Lab	method blank	6/1/2012	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	Lab	LCS	6/6/2012	Metal	Chromium VI	n/a	=	5.05	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	90	110	
2011/12-4	Lab	method blank	6/6/2012	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Chromium VI	n/a	=	6.42	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Chromium VI	n/a	=	6.31	µg/L	EPA 218.6	0.0059	0.3			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2011/12-4	Lab	LCS	5/3/2012	Metal	Copper	Dissolved	=	53.6	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	Lab	LCS	6/4/2012	Metal	Copper	Dissolved	=	56.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Copper	Dissolved	=	113	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	Lab	LCS	6/6/2012	Metal	Copper	Dissolved	=	53.4	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	
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Copper	Dissolved	=	47.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Copper	Dissolved	=	47.2	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Copper	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Copper	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Copper	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Copper	Dissolved	=	47.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Copper	Dissolved	=	46.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Copper	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Copper	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Copper	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Copper	Total	=	53.6	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	Lab	LCS	6/4/2012	Metal	Copper	Total	=	56.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Copper	Total	=	113	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	Lab	LCS	6/6/2012	Metal	Copper	Total	=	53.4	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Copper	Total	=	52.2	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Copper	Total	=	49.6	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Copper	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Copper	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Copper	Total	=	47.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Copper	Total	=	47.2	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Copper	Total	=	47.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Copper	Total	=	46.3	µg/L	EPA 200.8	0.27	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Copper	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	4/30/2012	Metal	Iron	Dissolved	=	205	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS, rec	4/30/2012	Metal	Iron	Dissolved	=	102	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	4/30/2012	Metal	Iron	Dissolved	DNQ	3.08	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS	6/1/2012	Metal	Iron	Dissolved	=	188	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS, rec	6/1/2012	Metal	Iron	Dissolved	=	94	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	6/1/2012	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS	6/4/2012	Metal	Iron	Dissolved	=	201	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Iron	Dissolved	=	101	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Iron	Dissolved	DNQ	2.26	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS	4/30/2012	Metal	Iron	Total	=	205	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS, rec	4/30/2012	Metal	Iron	Total	=	102	%	EPA 200.7	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	method blank	4/30/2012	Metal	Iron	Total	DNQ	3.08	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS	6/1/2012	Metal	Iron	Total	=	188	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS, rec	6/1/2012	Metal	Iron	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	6/1/2012	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS	6/4/2012	Metal	Iron	Total	=	201	µg/L	EPA 200.7	1.1	10			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Iron	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Iron	Total	DNQ	2.26	µg/L	EPA 200.7	1.1	10			
2011/12-4	ME-CC	matrix spike	6/4/2012	Metal	Iron	Total	=	860	µg/L	EPA 200.7	1.1	10			
2011/12-4	ME-CC	matrix spike dup	6/4/2012	Metal	Iron	Total	=	868	µg/L	EPA 200.7	1.1	10			
2011/12-4	ME-CC	matrix spike dup, rec	6/4/2012	Metal	Iron	Total	=	122	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/4/2012	Metal	Iron	Total	=	119	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/4/2012	Metal	Iron	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike dup	6/1/2012	Metal	Iron	Total	=	322	µg/L	EPA 200.7	1.1	10			
2011/12-4	ME-SCR	matrix spike dup, rec	6/1/2012	Metal	Iron	Total	=	117	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/1/2012	Metal	Iron	Total	=	5	%	EPA 200.7	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/7/2012	Metal	Iron	Total	=	306	µg/L	EPA 200.7	1.1	10			
2011/12-4	ME-SCR	matrix spike, rec	6/7/2012	Metal	Iron	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike	4/30/2012	Metal	Iron	Total	=	822	µg/L	EPA 200.7	1.1	10			
2011/12-4	ME-VR2	matrix spike dup	4/30/2012	Metal	Iron	Total	=	831	µg/L	EPA 200.7	1.1	10			
2011/12-4	ME-VR2	matrix spike dup, rec	4/30/2012	Metal	Iron	Total	=	115	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/30/2012	Metal	Iron	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/30/2012	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Lead	Dissolved	=	49.6	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	Lab	LCS	6/4/2012	Metal	Lead	Dissolved	=	51.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Lead	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	Lab	LCS	6/6/2012	Metal	Lead	Dissolved	=	51.4	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Lead	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Lead	Dissolved	DNQ	0.0112	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Lead	Dissolved	=	51.6	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Lead	Dissolved	=	51.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Lead	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Lead	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Lead	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Lead	Dissolved	=	49.1	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Lead	Dissolved	=	47.7	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Lead	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Lead	Total	=	49.6	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	Lab	LCS	6/4/2012	Metal	Lead	Total	=	51.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	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	
2011/12-4	Lab	LCS	6/6/2012	Metal	Lead	Total	=	51.4	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Lead	Total	DNQ	0.0112	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Lead	Total	=	57.7	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Lead	Total	=	57.9	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Lead	Total	=	116	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Lead	Total	=	115	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Lead	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Lead	Total	=	51.6	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Lead	Total	=	51.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Lead	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Lead	Total	=	49.1	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Lead	Total	=	47.7	µg/L	EPA 200.8	0.011	0.2			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	4/27/2012	Metal	Mercury	Dissolved	=	871	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike	4/27/2012	Metal	Mercury	Dissolved	=	886	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup	4/27/2012	Metal	Mercury	Dissolved	=	849	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup	4/27/2012	Metal	Mercury	Dissolved	=	869	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup, rec	4/27/2012	Metal	Mercury	Dissolved	=	85	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike dup, rec	4/27/2012	Metal	Mercury	Dissolved	=	84	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, rec	4/27/2012	Metal	Mercury	Dissolved	=	86	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, rec	4/27/2012	Metal	Mercury	Dissolved	=	87	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, RPD	4/27/2012	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike, RPD	4/27/2012	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	5/30/2012	Metal	Mercury	Dissolved	=	936	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike	5/30/2012	Metal	Mercury	Dissolved	=	942	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup	5/30/2012	Metal	Mercury	Dissolved	=	933	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup	5/30/2012	Metal	Mercury	Dissolved	=	937	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup, rec	5/30/2012	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike dup, rec	5/30/2012	Metal	Mercury	Dissolved	=	92	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, rec	5/30/2012	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, rec	5/30/2012	Metal	Mercury	Dissolved	=	92	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, RPD	5/30/2012	Metal	Mercury	Dissolved	=	0.5	%	EPA 245.1	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike, RPD	5/30/2012	Metal	Mercury	Dissolved	=	0.3	%	EPA 245.1	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	6/5/2012	Metal	Mercury	Dissolved	=	883	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike	6/5/2012	Metal	Mercury	Dissolved	=	899	ng/L	EPA 245.1	7.8	100			D
2011/12-4	000NONPJ	matrix spike dup	6/5/2012	Metal	Mercury	Dissolved	=	879	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup	6/5/2012	Metal	Mercury	Dissolved	=	879	ng/L	EPA 245.1	7.8	100			D
2011/12-4	000NONPJ	matrix spike dup, rec	6/5/2012	Metal	Mercury	Dissolved	=	87	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike dup, rec	6/5/2012	Metal	Mercury	Dissolved	=	88	%	EPA 245.1	-88	-88	70	130	D
2011/12-4	000NONPJ	matrix spike, rec	6/5/2012	Metal	Mercury	Dissolved	=	90	%	EPA 245.1	-88	-88	70	130	D
2011/12-4	000NONPJ	matrix spike, rec	6/5/2012	Metal	Mercury	Dissolved	=	88	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, RPD	6/5/2012	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-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	
2011/12-4	000NONPJ	matrix spike, RPD	6/5/2012	Metal	Mercury	Dissolved	=	0.5	%	EPA 245.1	-88	-88	0	20	
2011/12-4	Lab	LCS	4/27/2012	Metal	Mercury	Dissolved	=	960	ng/L	EPA 245.1	3.9	50			
2011/12-4	Lab	LCS, rec	4/27/2012	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	85	115	
2011/12-4	Lab	method blank	4/27/2012	Metal	Mercury	Dissolved	DNQ	15	ng/L	EPA 245.1	3.9	50			
2011/12-4	Lab	LCS	5/30/2012	Metal	Mercury	Dissolved	=	946	ng/L	EPA 245.1	3.9	50			
2011/12-4	Lab	LCS, rec	5/30/2012	Metal	Mercury	Dissolved	=	95	%	EPA 245.1	-88	-88	85	115	
2011/12-4	Lab	method blank	5/30/2012	Metal	Mercury	Dissolved	DNQ	12	ng/L	EPA 245.1	3.9	50			
2011/12-4	Lab	LCS	6/5/2012	Metal	Mercury	Dissolved	=	929	ng/L	EPA 245.1	3.9	50			
2011/12-4	Lab	LCS, rec	6/5/2012	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	85	115	
2011/12-4	Lab	method blank	6/5/2012	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike	4/27/2012	Metal	Mercury	Total	=	871	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike	4/27/2012	Metal	Mercury	Total	=	886	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup	4/27/2012	Metal	Mercury	Total	=	869	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup	4/27/2012	Metal	Mercury	Total	=	849	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup, rec	4/27/2012	Metal	Mercury	Total	=	85	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike dup, rec	4/27/2012	Metal	Mercury	Total	=	84	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, rec	4/27/2012	Metal	Mercury	Total	=	87	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, rec	4/27/2012	Metal	Mercury	Total	=	86	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, RPD	4/27/2012	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike, RPD	4/27/2012	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	5/30/2012	Metal	Mercury	Total	=	936	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike	5/30/2012	Metal	Mercury	Total	=	942	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup	5/30/2012	Metal	Mercury	Total	=	937	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup	5/30/2012	Metal	Mercury	Total	=	933	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup, rec	5/30/2012	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike dup, rec	5/30/2012	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, rec	5/30/2012	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, rec	5/30/2012	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, RPD	5/30/2012	Metal	Mercury	Total	=	0.3	%	EPA 245.1	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike, RPD	5/30/2012	Metal	Mercury	Total	=	0.5	%	EPA 245.1	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	6/5/2012	Metal	Mercury	Total	=	899	ng/L	EPA 245.1	7.8	100			D
2011/12-4	000NONPJ	matrix spike	6/5/2012	Metal	Mercury	Total	=	883	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup	6/5/2012	Metal	Mercury	Total	=	879	ng/L	EPA 245.1	7.8	100			D
2011/12-4	000NONPJ	matrix spike dup	6/5/2012	Metal	Mercury	Total	=	879	ng/L	EPA 245.1	3.9	50			
2011/12-4	000NONPJ	matrix spike dup, rec	6/5/2012	Metal	Mercury	Total	=	87	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike dup, rec	6/5/2012	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	D
2011/12-4	000NONPJ	matrix spike, rec	6/5/2012	Metal	Mercury	Total	=	90	%	EPA 245.1	-88	-88	70	130	D
2011/12-4	000NONPJ	matrix spike, rec	6/5/2012	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	
2011/12-4	000NONPJ	matrix spike, RPD	6/5/2012	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	D
2011/12-4	000NONPJ	matrix spike, RPD	6/5/2012	Metal	Mercury	Total	=	0.5	%	EPA 245.1	-88	-88	0	20	
2011/12-4	Lab	LCS	4/27/2012	Metal	Mercury	Total	=	960	ng/L	EPA 245.1	3.9	50			
2011/12-4	Lab	LCS, rec	4/27/2012	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	85	115	
2011/12-4	Lab	method blank	4/27/2012	Metal	Mercury	Total	DNQ	15	ng/L	EPA 245.1	3.9	50			
2011/12-4	Lab	LCS	5/30/2012	Metal	Mercury	Total	=	946	ng/L	EPA 245.1	3.9	50			
2011/12-4	Lab	LCS, rec	5/30/2012	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	85	115	
2011/12-4	Lab	method blank	5/30/2012	Metal	Mercury	Total	DNQ	12	ng/L	EPA 245.1	3.9	50			
2011/12-4	Lab	LCS	6/5/2012	Metal	Mercury	Total	=	929	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	
2011/12-4	Lab	LCS, rec	6/5/2012	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	85	115	
2011/12-4	Lab	method blank	6/5/2012	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			
2011/12-4	Lab	LCS	5/3/2012	Metal	Nickel	Dissolved	=	52.8	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Nickel	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	Lab	LCS	6/4/2012	Metal	Nickel	Dissolved	=	54.9	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Nickel	Dissolved	=	110	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	Lab	LCS	6/6/2012	Metal	Nickel	Dissolved	=	52.2	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Nickel	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Nickel	Dissolved	=	46.9	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Nickel	Dissolved	=	47	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Nickel	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Nickel	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Nickel	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Nickel	Dissolved	=	54.5	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Nickel	Dissolved	=	53.7	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Nickel	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Nickel	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Nickel	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Nickel	Total	=	52.8	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Nickel	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	Lab	LCS	6/4/2012	Metal	Nickel	Total	=	54.9	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Nickel	Total	=	110	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	Lab	LCS	6/6/2012	Metal	Nickel	Total	=	52.2	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Nickel	Total	=	52.2	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Nickel	Total	=	50	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Nickel	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Nickel	Total	=	46.9	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Nickel	Total	=	47	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Nickel	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Nickel	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Nickel	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Nickel	Total	=	54.5	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Nickel	Total	=	53.7	µg/L	EPA 200.8	0.13	0.8			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Selenium	Dissolved	=	52.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Selenium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	method blank	5/3/2012	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	Lab	LCS	6/4/2012	Metal	Selenium	Dissolved	=	55.4	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Selenium	Dissolved	=	111	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	Lab	LCS	6/6/2012	Metal	Selenium	Dissolved	=	53.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Selenium	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Selenium	Dissolved	=	51	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Selenium	Dissolved	=	51.4	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Selenium	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Selenium	Dissolved	=	88.1	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Selenium	Dissolved	=	86.2	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Selenium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Selenium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Selenium	Total	=	52.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	Lab	LCS	6/4/2012	Metal	Selenium	Total	=	55.4	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Selenium	Total	=	111	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	Lab	LCS	6/6/2012	Metal	Selenium	Total	=	53.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Selenium	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Selenium	Total	=	54.1	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Selenium	Total	=	56.9	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Selenium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Selenium	Total	=	51	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Selenium	Total	=	51.4	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Selenium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Selenium	Total	=	88.1	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Selenium	Total	=	86.2	µg/L	EPA 200.8	0.28	0.4			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/4/2012	Metal	Silver	Dissolved	=	49.8	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	Lab	LCS, rec	5/4/2012	Metal	Silver	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/4/2012	Metal	Silver	Dissolved	DNQ	0.0473	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	Lab	LCS	6/4/2012	Metal	Silver	Dissolved	=	54.5	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Silver	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS	6/6/2012	Metal	Silver	Dissolved	=	54.5	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Silver	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-OJA	matrix spike	5/4/2012	Metal	Silver	Dissolved	=	51.4	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-OJA	matrix spike dup	5/4/2012	Metal	Silver	Dissolved	=	51.3	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-OJA	matrix spike dup, rec	5/4/2012	Metal	Silver	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/4/2012	Metal	Silver	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/4/2012	Metal	Silver	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Silver	Dissolved	=	47.2	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Silver	Dissolved	=	45.7	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Silver	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Silver	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Silver	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/4/2012	Metal	Silver	Total	=	49.8	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	Lab	LCS, rec	5/4/2012	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/4/2012	Metal	Silver	Total	DNQ	0.0473	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	Lab	LCS	6/4/2012	Metal	Silver	Total	=	54.5	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Silver	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	Lab	LCS	6/6/2012	Metal	Silver	Total	=	54.5	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Silver	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Silver	Total	=	47.7	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Silver	Total	=	48	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Silver	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/4/2012	Metal	Silver	Total	=	51.4	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-OJA	matrix spike dup	5/4/2012	Metal	Silver	Total	=	51.3	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-OJA	matrix spike dup, rec	5/4/2012	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/4/2012	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/4/2012	Metal	Silver	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Silver	Total	=	47.2	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Silver	Total	=	45.7	µg/L	EPA 200.8	0.027	0.2			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Thallium	Dissolved	=	49.9	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Thallium	Dissolved	DNQ	0.02	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	Lab	LCS	6/4/2012	Metal	Thallium	Dissolved	=	51.8	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Thallium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	Lab	LCS	6/6/2012	Metal	Thallium	Dissolved	=	51	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Thallium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Thallium	Dissolved	=	52.6	µg/L	EPA 200.8	0.009	0.2			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Thallium	Dissolved	=	52.5	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Thallium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Thallium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Thallium	Dissolved	=	0.1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Thallium	Dissolved	=	50.1	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Thallium	Dissolved	=	48.7	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Thallium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Thallium	Total	=	49.9	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Thallium	Total	DNQ	0.02	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	Lab	LCS	6/4/2012	Metal	Thallium	Total	=	51.8	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	Lab	LCS	6/6/2012	Metal	Thallium	Total	=	51	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Thallium	Total	=	59	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Thallium	Total	=	59.1	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Thallium	Total	=	118	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Thallium	Total	=	118	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Thallium	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Thallium	Total	=	52.6	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Thallium	Total	=	52.5	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Thallium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Thallium	Total	=	50.1	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Thallium	Total	=	48.7	µg/L	EPA 200.8	0.009	0.2			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Zinc	Dissolved	=	53.3	µg/L	EPA 200.8	1.1	5			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Zinc	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-4	Lab	LCS	6/4/2012	Metal	Zinc	Dissolved	=	56.8	µg/L	EPA 200.8	1.1	5			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Zinc	Dissolved	=	114	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-4	Lab	LCS	6/6/2012	Metal	Zinc	Dissolved	=	53	µg/L	EPA 200.8	1.1	5			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Zinc	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Zinc	Dissolved	=	49.3	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Zinc	Dissolved	=	49.4	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Zinc	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Zinc	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Zinc	Dissolved	=	0.06	%	EPA 200.8	-88	-88	0	30	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Zinc	Dissolved	=	37.5	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Zinc	Dissolved	=	37.9	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Zinc	Dissolved	=	72	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Zinc	Dissolved	=	72	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/3/2012	Metal	Zinc	Total	=	53.3	µg/L	EPA 200.8	1.1	5			
2011/12-4	Lab	LCS, rec	5/3/2012	Metal	Zinc	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	5/3/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-4	Lab	LCS	6/4/2012	Metal	Zinc	Total	=	56.8	µg/L	EPA 200.8	1.1	5			
2011/12-4	Lab	LCS, rec	6/4/2012	Metal	Zinc	Total	=	114	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/4/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-4	Lab	LCS	6/6/2012	Metal	Zinc	Total	=	53	µg/L	EPA 200.8	1.1	5			
2011/12-4	Lab	LCS, rec	6/6/2012	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2011/12-4	Lab	method blank	6/6/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-FIL	matrix spike	6/4/2012	Metal	Zinc	Total	=	47.9	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-FIL	matrix spike dup	6/4/2012	Metal	Zinc	Total	=	46.9	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/4/2012	Metal	Zinc	Total	=	81	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, rec	6/4/2012	Metal	Zinc	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-FIL	matrix spike, RPD	6/4/2012	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/3/2012	Metal	Zinc	Total	=	49.3	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Metal	Zinc	Total	=	49.4	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Metal	Zinc	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/6/2012	Metal	Zinc	Total	=	37.5	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-SIM	matrix spike dup	6/6/2012	Metal	Zinc	Total	=	37.9	µg/L	EPA 200.8	1.1	5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/6/2012	Metal	Zinc	Total	=	72	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, rec	6/6/2012	Metal	Zinc	Total	=	71	%	EPA 200.8	-88	-88	70	130	
2011/12-4	MO-SIM	matrix spike, RPD	6/6/2012	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Nutrient	Ammonia as N	n/a	=	1.01	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2011/12-4	Lab	method blank	5/2/2012	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	Lab	LCS	6/5/2012	Nutrient	Ammonia as N	n/a	=	1.02	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	Lab	LCS, rec	6/5/2012	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2011/12-4	Lab	method blank	6/5/2012	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	Lab	LCS	6/8/2012	Nutrient	Ammonia as N	n/a	=	1.05	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	Lab	LCS, rec	6/8/2012	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2011/12-4	Lab	method blank	6/8/2012	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	ME-CC	matrix spike	6/8/2012	Nutrient	Ammonia as N	n/a	=	1.19	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Nutrient	Ammonia as N	n/a	=	1.21	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2011/12-4	ME-SCR	matrix spike	6/5/2012	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	ME-SCR	matrix spike dup	6/5/2012	Nutrient	Ammonia as N	n/a	=	1.02	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	ME-SCR	matrix spike dup, rec	6/5/2012	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2011/12-4	ME-SCR	matrix spike, rec	6/5/2012	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-SCR	matrix spike, RPD	6/5/2012	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2011/12-4	ME-VR2	matrix spike	5/2/2012	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Nutrient	Ammonia as N	n/a	=	1.06	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2011/12-4	MO-CAM	matrix spike	6/8/2012	Nutrient	Ammonia as N	n/a	=	1.27	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	MO-CAM	matrix spike dup	6/8/2012	Nutrient	Ammonia as N	n/a	=	1.33	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/8/2012	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	
2011/12-4	MO-CAM	matrix spike, rec	6/8/2012	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2011/12-4	MO-CAM	matrix spike, RPD	6/8/2012	Nutrient	Ammonia as N	n/a	=	5	%	EPA 350.1	-88	-88	0	15	
2011/12-4	MO-OJA	matrix spike	5/2/2012	Nutrient	Ammonia as N	n/a	=	0.996	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	MO-OJA	matrix spike dup	5/2/2012	Nutrient	Ammonia as N	n/a	=	1.03	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	MO-OJA	matrix spike dup, rec	5/2/2012	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2011/12-4	MO-OJA	matrix spike, rec	5/2/2012	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2011/12-4	MO-OJA	matrix spike, RPD	5/2/2012	Nutrient	Ammonia as N	n/a	=	3	%	EPA 350.1	-88	-88	0	15	
2011/12-4	MO-VEN	matrix spike	6/5/2012	Nutrient	Ammonia as N	n/a	=	1.11	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	MO-VEN	matrix spike dup	6/5/2012	Nutrient	Ammonia as N	n/a	=	1.13	mg/L	EPA 350.1	0.048	0.1			
2011/12-4	MO-VEN	matrix spike dup, rec	6/5/2012	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2011/12-4	MO-VEN	matrix spike, rec	6/5/2012	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2011/12-4	MO-VEN	matrix spike, RPD	6/5/2012	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2011/12-4	000NONPJ	matrix spike	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	4.44	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	000NONPJ	matrix spike	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	4.86	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	000NONPJ	matrix spike dup	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	4.58	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	000NONPJ	matrix spike dup	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	4.91	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike dup, rec	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, RPD	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3	%	EPA 353.2	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike, RPD	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	5/25/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3.31	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	000NONPJ	matrix spike dup	5/25/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3.49	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	5/25/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	5/25/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, RPD	5/25/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	5	%	EPA 353.2	-88	-88	0	20	
2011/12-4	Lab	LCS	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	1.07	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	Lab	LCS, rec	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	
2011/12-4	Lab	method blank	5/3/2012	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	Lab	LCS	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	Lab	LCS, rec	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2011/12-4	Lab	method blank	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	Lab	LCS	5/25/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	Lab	LCS, rec	5/25/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2011/12-4	Lab	method blank	5/25/2012	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	ME-SCR	matrix spike	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3.42	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	ME-SCR	matrix spike dup	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3.41	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	
2011/12-4	ME-SCR	matrix spike dup, rec	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2011/12-4	ME-SCR	matrix spike, rec	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2011/12-4	ME-SCR	matrix spike, RPD	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2011/12-4	MO-FIL	matrix spike	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	4.37	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	MO-FIL	matrix spike dup	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	4.45	mg/L	EPA 353.2	0.01	0.1			
2011/12-4	MO-FIL	matrix spike dup, rec	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2011/12-4	MO-FIL	matrix spike, rec	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2011/12-4	MO-FIL	matrix spike, RPD	5/23/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2011/12-4	000NONPJ	matrix spike	5/25/2012	Nutrient	Nitrate as N	n/a	=	3.31	mg/L	EPA 353.2	0.041	0.1			
2011/12-4	000NONPJ	matrix spike dup	5/25/2012	Nutrient	Nitrate as N	n/a	=	3.49	mg/L	EPA 353.2	0.041	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	5/25/2012	Nutrient	Nitrate as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	5/25/2012	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, RPD	5/25/2012	Nutrient	Nitrate as N	n/a	=	5	%	EPA 353.2	-88	-88	0	20	
2011/12-4	Lab	LCS	5/25/2012	Nutrient	Nitrate as N	n/a	=	1.04	mg/L	EPA 353.2	0.041	0.1			
2011/12-4	Lab	LCS, rec	5/25/2012	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2011/12-4	Lab	method blank	5/25/2012	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2011/12-4	000NONPJ	matrix spike	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0489	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0578	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0496	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0585	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	99	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike dup, rec	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	99	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, RPD	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 365.1	-88	-88	0	10	
2011/12-4	000NONPJ	matrix spike, RPD	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 365.1	-88	-88	0	10	
2011/12-4	000NONPJ	matrix spike	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0549	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0544	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	96	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, RPD	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	0.9	%	EPA 365.1	-88	-88	0	10	
2011/12-4	000NONPJ	matrix spike	6/11/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0849	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/11/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0858	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/11/2012	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	6/11/2012	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, RPD	6/11/2012	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 365.1	-88	-88	0	10	
2011/12-4	Lab	LCS	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0479	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	Lab	LCS, rec	5/8/2012	Nutrient	Phosphorus as P	Dissolved	=	96	%	EPA 365.1	-88	-88	90	110	
2011/12-4	Lab	method blank	5/8/2012	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	Lab	LCS	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0452	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	Lab	LCS, rec	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	90	%	EPA 365.1	-88	-88	90	110	
2011/12-4	Lab	method blank	6/4/2012	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	Lab	LCS	6/11/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0497	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	Lab	LCS, rec	6/11/2012	Nutrient	Phosphorus as P	Dissolved	=	99	%	EPA 365.1	-88	-88	90	110	
2011/12-4	Lab	method blank	6/11/2012	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	ME-SCR	matrix spike	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0592	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0582	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	
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	95	%	EPA 365.1	-88	-88	90	110	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	97	%	EPA 365.1	-88	-88	90	110	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 365.1	-88	-88	0	10	
2011/12-4	000NONPJ	matrix spike	5/8/2012	Nutrient	Phosphorus as P	Total	=	0.0489	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike	5/8/2012	Nutrient	Phosphorus as P	Total	=	0.0578	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/8/2012	Nutrient	Phosphorus as P	Total	=	0.0585	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/8/2012	Nutrient	Phosphorus as P	Total	=	0.0496	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	5/8/2012	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike dup, rec	5/8/2012	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	5/8/2012	Nutrient	Phosphorus as P	Total	=	98	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	5/8/2012	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, RPD	5/8/2012	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	
2011/12-4	000NONPJ	matrix spike, RPD	5/8/2012	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	
2011/12-4	000NONPJ	matrix spike	6/4/2012	Nutrient	Phosphorus as P	Total	=	1.2	mg/L	EPA 365.1	0.014	0.1			D
2011/12-4	000NONPJ	matrix spike dup	6/4/2012	Nutrient	Phosphorus as P	Total	=	1.18	mg/L	EPA 365.1	0.014	0.1			D
2011/12-4	000NONPJ	matrix spike dup, rec	6/4/2012	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, rec	6/4/2012	Nutrient	Phosphorus as P	Total	=	103	%	EPA 365.1	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike, RPD	6/4/2012	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	10	D
2011/12-4	000NONPJ	matrix spike	6/11/2012	Nutrient	Phosphorus as P	Total	=	0.0651	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike	6/11/2012	Nutrient	Phosphorus as P	Total	=	0.0637	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/11/2012	Nutrient	Phosphorus as P	Total	=	0.0642	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/11/2012	Nutrient	Phosphorus as P	Total	=	0.0621	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/11/2012	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike dup, rec	6/11/2012	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	6/11/2012	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	6/11/2012	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, RPD	6/11/2012	Nutrient	Phosphorus as P	Total	=	3	%	EPA 365.1	-88	-88	0	10	
2011/12-4	000NONPJ	matrix spike, RPD	6/11/2012	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	
2011/12-4	Lab	LCS	5/8/2012	Nutrient	Phosphorus as P	Total	=	0.0479	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	Lab	LCS, rec	5/8/2012	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2011/12-4	Lab	method blank	5/8/2012	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	Lab	LCS	6/4/2012	Nutrient	Phosphorus as P	Total	=	0.0456	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	Lab	LCS, rec	6/4/2012	Nutrient	Phosphorus as P	Total	=	91	%	EPA 365.1	-88	-88	90	110	
2011/12-4	Lab	method blank	6/4/2012	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	Lab	LCS	6/11/2012	Nutrient	Phosphorus as P	Total	=	0.0492	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	Lab	LCS, rec	6/11/2012	Nutrient	Phosphorus as P	Total	=	98	%	EPA 365.1	-88	-88	90	110	
2011/12-4	Lab	method blank	6/11/2012	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	ME-SCR	matrix spike	6/4/2012	Nutrient	Phosphorus as P	Total	=	0.0702	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Nutrient	Phosphorus as P	Total	=	0.0703	mg/L	EPA 365.1	0.0014	0.01			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Nutrient	Phosphorus as P	Total	=	0.1	%	EPA 365.1	-88	-88	0	10	
2011/12-4	000NONPJ	matrix spike	6/7/2012	Nutrient	TKN	n/a	=	0.108	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-4	000NONPJ	matrix spike	6/7/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-4	000NONPJ	matrix spike dup	6/7/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-4	000NONPJ	matrix spike dup	6/7/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/7/2012	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	90	110	GB

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	000NONPJ	matrix spike dup, rec	6/7/2012	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	90	110	GB
2011/12-4	000NONPJ	matrix spike, rec	6/7/2012	Nutrient	TKN	n/a	=	11	%	EPA 351.2	-88	-88	90	110	GB
2011/12-4	000NONPJ	matrix spike, rec	6/7/2012	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	90	110	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/7/2012	Nutrient	TKN	n/a	=	200	%	EPA 351.2	-88	-88	0	15	IL
2011/12-4	000NONPJ	matrix spike, RPD	6/7/2012	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	0	15	
2011/12-4	000NONPJ	post-digest spike	6/7/2012	Nutrient	TKN	n/a	=	0.41	mg/L	EPA 351.2	-88	-88			D
2011/12-4	000NONPJ	post-digest spike	6/7/2012	Nutrient	TKN	n/a	=	0.438	mg/L	EPA 351.2	-88	-88			D
2011/12-4	000NONPJ	post-digest spike	6/7/2012	Nutrient	TKN	n/a	=	0.408	mg/L	EPA 351.2	-88	-88			D
2011/12-4	000NONPJ	post-digest spike	6/7/2012	Nutrient	TKN	n/a	=	0.438	mg/L	EPA 351.2	-88	-88			D
2011/12-4	000NONPJ	post-digest spike, rec	6/7/2012	Nutrient	TKN	n/a	=	109	%	EPA 351.2	-88	-88	90	110	D
2011/12-4	000NONPJ	post-digest spike, rec	6/7/2012	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	D
2011/12-4	000NONPJ	post-digest spike, rec	6/7/2012	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	D
2011/12-4	000NONPJ	post-digest spike, rec	6/7/2012	Nutrient	TKN	n/a	=	109	%	EPA 351.2	-88	-88	90	110	D
2011/12-4	000NONPJ	matrix spike	6/8/2012	Nutrient	TKN	n/a	=	1.22	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	000NONPJ	matrix spike	6/8/2012	Nutrient	TKN	n/a	=	1.15	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Nutrient	TKN	n/a	=	1.26	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	15	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	15	
2011/12-4	Lab	LCS	5/4/2012	Nutrient	TKN	n/a	=	0.908	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	Lab	LCS, rec	5/4/2012	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88			
2011/12-4	Lab	method blank	5/4/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	Lab	LCS	6/7/2012	Nutrient	TKN	n/a	=	1.07	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	Lab	LCS, rec	6/7/2012	Nutrient	TKN	n/a	=	107	%	EPA 351.2	-88	-88	90	110	
2011/12-4	Lab	method blank	6/7/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	Lab	LCS	6/8/2012	Nutrient	TKN	n/a	=	0.996	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	Lab	LCS, rec	6/8/2012	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2011/12-4	Lab	method blank	6/8/2012	Nutrient	TKN	n/a	DNQ	0.0792	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	MO-OJA	matrix spike	5/4/2012	Nutrient	TKN	n/a	=	1.17	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	MO-OJA	matrix spike dup	5/4/2012	Nutrient	TKN	n/a	=	1.17	mg/L	EPA 351.2	0.074	0.1			
2011/12-4	MO-OJA	matrix spike dup, rec	5/4/2012	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88			
2011/12-4	MO-OJA	matrix spike, rec	5/4/2012	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88			
2011/12-4	MO-OJA	matrix spike, RPD	5/4/2012	Nutrient	TKN	n/a	=	0.2	%	EPA 351.2	-88	-88	0		
2011/12-4	Lab	LCS	5/8/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	28	µg/L	EPA 625	0.55	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	56	%	EPA 625	-88	-88	44	142	
2011/12-4	Lab	method blank	5/8/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	31.8	µg/L	EPA 625	0.55	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	44	142	
2011/12-4	Lab	method blank	5/31/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	33.6	µg/L	EPA 625	0.55	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	44	142	
2011/12-4	Lab	method blank	6/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	32.3	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	
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	34.2	µg/L	EPA 625	0.55	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	44	142	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	44	142	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	32.2	µg/L	EPA 625	0.55	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	34.7	µg/L	EPA 625	0.55	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	44	142	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	44	142	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	34.1	µg/L	EPA 625	0.55	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	27.2	µg/L	EPA 625	0.55	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	44	142	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	44	142	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	1,2-Dichlorobenzene	n/a	=	26.8	µg/L	EPA 625	0.57	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	1,2-Dichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	32	129	
2011/12-4	Lab	method blank	5/8/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	1,2-Dichlorobenzene	n/a	=	30.6	µg/L	EPA 625	0.57	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	1,2-Dichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	32	129	
2011/12-4	Lab	method blank	5/31/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	32.1	µg/L	EPA 625	0.57	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	32	129	
2011/12-4	Lab	method blank	6/5/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	1,2-Dichlorobenzene	n/a	=	31.3	µg/L	EPA 625	0.57	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	1,2-Dichlorobenzene	n/a	=	34	µg/L	EPA 625	0.57	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	1,2-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	32	129	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	1,2-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	32	129	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	1,2-Dichlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	1,2-Dichlorobenzene	n/a	=	31.8	µg/L	EPA 625	0.57	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	1,2-Dichlorobenzene	n/a	=	34.4	µg/L	EPA 625	0.57	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	32	129	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	1,2-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	32	129	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	1,2-Dichlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	32.4	µg/L	EPA 625	0.57	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	26	µg/L	EPA 625	0.57	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	52	%	EPA 625	-88	-88	32	129	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	32	129	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	1,2-Dichlorobenzene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	srgt LCS	4/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	11.7	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup	4/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.7	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup, rec	4/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	107	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt LCS, rec	4/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	117	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt method blank	4/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.48	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	4/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt LCS	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.14	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.61	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup, rec	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	96	%	EPA 524.2	-88	-88	70	130	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	srgt LCS, rec	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	91	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt method blank	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.89	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	79	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt LCS	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.4	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.6	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup, rec	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	106	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt LCS, rec	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	104	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt method blank	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.45	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2011/12-4	ME-CC	srgt environ	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.08	µg/L	EPA 524.2	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	81	%	EPA 524.2	-88	-88	70	130	
2011/12-4	ME-SCR	srgt environ	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.99	µg/L	EPA 524.2	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2011/12-4	ME-VR2	srgt environ	4/26/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.94	µg/L	EPA 524.2	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	4/26/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	79	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-CAM	srgt environ	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.53	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-FIL	srgt environ	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.8	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-HUE	srgt environ	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-MEI	srgt environ	4/26/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.33	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	4/26/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-OJA	srgt environ	4/26/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.72	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	4/26/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-OXN	srgt environ	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.76	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-SIM	srgt environ	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.32	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-THO	srgt environ	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.87	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	5/25/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	79	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-VEN	srgt environ	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.31	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/24/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	method blank	5/8/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-4	Lab	method blank	5/31/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-4	Lab	method blank	6/5/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-4	Lab	LCS	5/8/2012	Organic	1,3-Dichlorobenzene	n/a	=	25.1	µg/L	EPA 625	0.53	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	1,3-Dichlorobenzene	n/a	=	50	%	EPA 625	-88	-88	0.1	172	
2011/12-4	Lab	method blank	5/8/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	1,3-Dichlorobenzene	n/a	=	27.7	µg/L	EPA 625	0.53	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	1,3-Dichlorobenzene	n/a	=	55	%	EPA 625	-88	-88	0.1	172	
2011/12-4	Lab	method blank	5/31/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	29.3	µg/L	EPA 625	0.53	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	0.1	172	
2011/12-4	Lab	method blank	6/5/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	1,3-Dichlorobenzene	n/a	=	28.3	µg/L	EPA 625	0.53	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	1,3-Dichlorobenzene	n/a	=	31.2	µg/L	EPA 625	0.53	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	1,3-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	0.1	172	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	1,3-Dichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	0.1	172	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	1,3-Dichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	1,3-Dichlorobenzene	n/a	=	30	µg/L	EPA 625	0.53	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	1,3-Dichlorobenzene	n/a	=	32.8	µg/L	EPA 625	0.53	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	1,3-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	0.1	172	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	1,3-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	0.1	172	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	1,3-Dichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	28.6	µg/L	EPA 625	0.53	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	21.6	µg/L	EPA 625	0.53	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	43	%	EPA 625	-88	-88	0.1	172	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	0.1	172	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	1,3-Dichlorobenzene	n/a	=	28	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	srgt LCS	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt method blank	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt LCS	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.508	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt method blank	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.517	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt LCS	5/15/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.5	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS dup	5/15/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.61	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS dup, rec	5/15/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt LCS, rec	5/15/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt method blank	5/15/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/15/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt LCS	6/1/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/1/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt method blank	6/1/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.3	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/1/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt LCS	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt matrix spike	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.37	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.06	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt matrix spike dup, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt matrix spike, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt matrix spike, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt method blank	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt LCS	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.495	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt matrix spike	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.47	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.462	µg/L	EPA 525.2	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	srgt matrix spike dup, rec	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt matrix spike, rec	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt method blank	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.496	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt LCS	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.551	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt matrix spike	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.485	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.466	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup, rec	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt matrix spike, rec	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	srgt method blank	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.489	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-4	ME-CC	srgt environ	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2011/12-4	ME-CC	srgt environ	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.468	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	73	136	
2011/12-4	ME-SCR	srgt environ	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.14	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2011/12-4	ME-SCR	srgt environ	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.496	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2011/12-4	ME-VR2	srgt matrix spike	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.73	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.65	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup, rec	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	73	136	
2011/12-4	ME-VR2	srgt matrix spike, rec	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	136	
2011/12-4	ME-VR2	srgt environ	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.55	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2011/12-4	ME-VR2	srgt environ	5/15/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.63	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/15/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-CAM	srgt environ	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.39	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-CAM	srgt environ	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.482	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-FIL	srgt environ	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.58	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-FIL	srgt environ	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.518	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-HUE	srgt environ	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.57	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-HUE	srgt environ	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.581	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-MEI	srgt environ	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.21	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-MEI	srgt environ	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.481	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-OJA	srgt environ	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.56	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-OJA	srgt environ	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.51	µg/L	EPA 525.2	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-OJA	srgt environ, rec	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-OJA	srgt matrix spike	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.488	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.499	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup, rec	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-OJA	srgt matrix spike, rec	5/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-OXN	srgt environ	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.19	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-OXN	srgt environ	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.45	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-SIM	srgt environ	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-SIM	srgt environ	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.471	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-THO	srgt environ	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.9	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-THO	srgt environ	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.461	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/8/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-VEN	srgt environ	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.64	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	6/2/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	73	136	
2011/12-4	MO-VEN	srgt environ	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.503	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	6/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2011/12-4	Lab	LCS	5/8/2012	Organic	1,4-Dichlorobenzene	n/a	=	26	µg/L	EPA 625	0.55	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	1,4-Dichlorobenzene	n/a	=	52	%	EPA 625	-88	-88	20	124	
2011/12-4	Lab	method blank	5/8/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	1,4-Dichlorobenzene	n/a	=	29	µg/L	EPA 625	0.55	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	1,4-Dichlorobenzene	n/a	=	58	%	EPA 625	-88	-88	20	124	
2011/12-4	Lab	method blank	5/31/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	30.8	µg/L	EPA 625	0.55	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	20	124	
2011/12-4	Lab	method blank	6/5/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	1,4-Dichlorobenzene	n/a	=	29.6	µg/L	EPA 625	0.55	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	1,4-Dichlorobenzene	n/a	=	32.6	µg/L	EPA 625	0.55	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	1,4-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	20	124	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	1,4-Dichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	20	124	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	1,4-Dichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	1,4-Dichlorobenzene	n/a	=	31.1	µg/L	EPA 625	0.55	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	1,4-Dichlorobenzene	n/a	=	33.9	µg/L	EPA 625	0.55	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	1,4-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	20	124	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	1,4-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	20	124	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	1,4-Dichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	29.7	µg/L	EPA 625	0.55	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	23	µg/L	EPA 625	0.55	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	46	%	EPA 625	-88	-88	20	124	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	20	124	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	1,4-Dichlorobenzene	n/a	=	26	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	method blank	5/10/2012	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2011/12-4	Lab	method blank	5/29/2012	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	method blank	6/5/2012	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2011/12-4	Lab	srgt LCS	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	76.8	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625	-88	-88	0.1	157	
2011/12-4	Lab	srgt method blank	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	60.1	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625	-88	-88	0.1	157	
2011/12-4	Lab	srgt LCS	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	16.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	Lab	srgt method blank	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	13.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	Lab	srgt LCS	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	23	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	Lab	srgt method blank	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	17.3	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-4	Lab	srgt method blank, rec	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	43	%	EPA 8270Cm	-88	-88	44	115	GN
2011/12-4	Lab	srgt LCS	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	88	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625	-88	-88	0.1	157	
2011/12-4	Lab	srgt method blank	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	54.3	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625	-88	-88	0.1	157	
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	18.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	82.8	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625	-88	-88	0.1	157	
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	47.9	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	11.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	48	%	EPA 625	-88	-88	0.1	157	
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	15.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	53.8	µg/L	EPA 625	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625	-88	-88	0.1	157	
2011/12-4	ME-SCR	srgt environ	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	28.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	ME-SCR	srgt environ	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	74.7	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	0.1	157	
2011/12-4	ME-SCR	srgt matrix spike	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	66.8	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	71.3	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup, rec	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	0.1	157	
2011/12-4	ME-SCR	srgt matrix spike, rec	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625	-88	-88	0.1	157	
2011/12-4	ME-VR2	srgt environ	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	75.3	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	0.1	157	
2011/12-4	ME-VR2	srgt matrix spike	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	69.5	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	78.6	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup, rec	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	0.1	157	
2011/12-4	ME-VR2	srgt matrix spike, rec	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	0.1	157	
2011/12-4	ME-VR2	srgt environ	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	14	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	63.9	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	14.6	µg/L	EPA 8270Cm	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	0.1	157	
2011/12-4	MO-CAM	srgt matrix spike	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	60.5	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	49.6	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	50	%	EPA 625	-88	-88	0.1	157	
2011/12-4	MO-CAM	srgt matrix spike, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 625	-88	-88	0.1	157	
2011/12-4	MO-FIL	srgt environ	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	35.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-FIL	srgt environ	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	68.7	µg/L	EPA 625	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	0.1	157	
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	13.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	74.9	µg/L	EPA 625	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	0.1	157	
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-MEI	srgt environ	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	70	µg/L	EPA 625	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	0.1	157	
2011/12-4	MO-MEI	srgt environ	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	12.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-OJA	srgt environ	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	71.7	µg/L	EPA 625	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/8/2012	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	0.1	157	
2011/12-4	MO-OJA	srgt environ	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	15.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-OJA	srgt matrix spike	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	17.8	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	14.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup, rec	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-OJA	srgt matrix spike, rec	5/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-OXN	srgt environ	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	66.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-OXN	srgt environ	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	84.6	µg/L	EPA 625	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	0.1	157	
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	68	µg/L	EPA 625	-88	-88			
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	13	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	0.1	157	
2011/12-4	MO-SIM	srgt matrix spike	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	18.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	15.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-SIM	srgt matrix spike, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	15.4	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	56	µg/L	EPA 625	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625	-88	-88	0.1	157	
2011/12-4	MO-VEN	srgt environ	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	21.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-VEN	srgt matrix spike	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	23	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt matrix spike dup	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	19.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt matrix spike dup, rec	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	44	115	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-VEN	srgt matrix spike, rec	5/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	44	115	
2011/12-4	MO-VEN	srgt environ	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	65.4	µg/L	EPA 625	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/31/2012	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	0.1	157	
2011/12-4	Lab	LCS	5/10/2012	Organic	2,4,6-Trichlorophenol	n/a	=	7.31	µg/L	EPA 8270Cm	0.3	1			
2011/12-4	Lab	LCS, rec	5/10/2012	Organic	2,4,6-Trichlorophenol	n/a	=	73	%	EPA 8270Cm	-88	-88	52	150	
2011/12-4	Lab	method blank	5/10/2012	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-4	Lab	LCS	5/29/2012	Organic	2,4,6-Trichlorophenol	n/a	=	11.9	µg/L	EPA 8270Cm	0.3	1			
2011/12-4	Lab	LCS, rec	5/29/2012	Organic	2,4,6-Trichlorophenol	n/a	=	59	%	EPA 8270Cm	-88	-88	52	150	
2011/12-4	Lab	method blank	5/29/2012	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	2,4,6-Trichlorophenol	n/a	=	10.5	µg/L	EPA 8270Cm	0.3	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	2,4,6-Trichlorophenol	n/a	=	105	%	EPA 8270Cm	-88	-88	52	150	
2011/12-4	Lab	method blank	6/5/2012	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-4	Lab	LCS	5/10/2012	Organic	2,4-Dichlorophenol	n/a	=	6.96	µg/L	EPA 8270Cm	0.51	1			
2011/12-4	Lab	LCS, rec	5/10/2012	Organic	2,4-Dichlorophenol	n/a	=	70	%	EPA 8270Cm	-88	-88	53	106	
2011/12-4	Lab	method blank	5/10/2012	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2011/12-4	Lab	LCS	5/29/2012	Organic	2,4-Dichlorophenol	n/a	=	11.4	µg/L	EPA 8270Cm	0.51	1			
2011/12-4	Lab	LCS, rec	5/29/2012	Organic	2,4-Dichlorophenol	n/a	=	57	%	EPA 8270Cm	-88	-88	53	106	
2011/12-4	Lab	method blank	5/29/2012	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	2,4-Dichlorophenol	n/a	=	9.99	µg/L	EPA 8270Cm	0.51	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	2,4-Dichlorophenol	n/a	=	100	%	EPA 8270Cm	-88	-88	53	106	
2011/12-4	Lab	method blank	6/5/2012	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2011/12-4	Lab	srgt LCS	4/28/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.18	µg/L	EPA 515.3	-88	-88			
2011/12-4	Lab	srgt LCS, rec	4/28/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	srgt method blank	4/28/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.04	µg/L	EPA 515.3	-88	-88			
2011/12-4	Lab	srgt method blank, rec	4/28/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	srgt LCS	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.56	µg/L	EPA 515.3	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	srgt method blank	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.21	µg/L	EPA 515.3	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.35	µg/L	EPA 515.3	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.82	µg/L	EPA 515.3	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.7	µg/L	EPA 515.3	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	srgt matrix spike	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.08	µg/L	EPA 515.3	-88	-88			
2011/12-4	ME-CC	srgt matrix spike dup	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.42	µg/L	EPA 515.3	-88	-88			
2011/12-4	ME-CC	srgt matrix spike dup, rec	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	srgt matrix spike, rec	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	srgt environ	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.64	µg/L	EPA 515.3	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	srgt matrix spike	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.7	µg/L	EPA 515.3	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.78	µg/L	EPA 515.3	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup, rec	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	srgt matrix spike, rec	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	srgt matrix spike	4/28/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.08	µg/L	EPA 515.3	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup	4/28/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.02	µg/L	EPA 515.3	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-VR2	srgt matrix spike dup, rec	4/28/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	srgt matrix spike, rec	4/28/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	srgt environ	4/29/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.79	µg/L	EPA 515.3	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	4/29/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.73	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-FIL	srgt environ	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.1	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.97	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-MEI	srgt environ	4/29/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.16	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	4/29/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-OJA	srgt environ	4/29/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.81	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	4/29/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-OXN	srgt environ	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.3	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.58	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	srgt environ	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.02	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	srgt matrix spike	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-VEN	srgt matrix spike dup	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.54	µg/L	EPA 515.3	-88	-88			
2011/12-4	MO-VEN	srgt matrix spike dup, rec	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	srgt matrix spike, rec	6/4/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	LCS	5/10/2012	Organic	2,4-Dimethylphenol	n/a	=	6.62	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS, rec	5/10/2012	Organic	2,4-Dimethylphenol	n/a	=	66	%	EPA 8270Cm	-88	-88	21	99	
2011/12-4	Lab	method blank	5/10/2012	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS	5/29/2012	Organic	2,4-Dimethylphenol	n/a	=	11.4	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS, rec	5/29/2012	Organic	2,4-Dimethylphenol	n/a	=	57	%	EPA 8270Cm	-88	-88	21	99	
2011/12-4	Lab	method blank	5/29/2012	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS	6/5/2012	Organic	2,4-Dimethylphenol	n/a	=	5.27	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	2,4-Dimethylphenol	n/a	=	53	%	EPA 8270Cm	-88	-88	21	99	
2011/12-4	Lab	method blank	6/5/2012	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS	5/10/2012	Organic	2,4-Dinitrophenol	n/a	=	8.16	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS, rec	5/10/2012	Organic	2,4-Dinitrophenol	n/a	=	82	%	EPA 8270Cm	-88	-88	2	227	
2011/12-4	Lab	method blank	5/10/2012	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS	5/29/2012	Organic	2,4-Dinitrophenol	n/a	=	16.2	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS, rec	5/29/2012	Organic	2,4-Dinitrophenol	n/a	=	81	%	EPA 8270Cm	-88	-88	2	227	
2011/12-4	Lab	method blank	5/29/2012	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS	6/5/2012	Organic	2,4-Dinitrophenol	n/a	=	9.73	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	2,4-Dinitrophenol	n/a	=	97	%	EPA 8270Cm	-88	-88	2	227	
2011/12-4	Lab	method blank	6/5/2012	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS	5/8/2012	Organic	2,4-Dinitrotoluene	n/a	=	38.6	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	2,4-Dinitrotoluene	n/a	=	77	%	EPA 625	-88	-88	39	139	
2011/12-4	Lab	method blank	5/8/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS	5/31/2012	Organic	2,4-Dinitrotoluene	n/a	=	44.5	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	2,4-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	39	139	
2011/12-4	Lab	method blank	5/31/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	41.3	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	83	%	EPA 625	-88	-88	39	139	
2011/12-4	Lab	method blank	6/5/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	2,4-Dinitrotoluene	n/a	=	41.9	µg/L	EPA 625	0.18	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	2,4-Dinitrotoluene	n/a	=	44.1	µg/L	EPA 625	0.18	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	2,4-Dinitrotoluene	n/a	=	88	%	EPA 625	-88	-88	39	139	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	2,4-Dinitrotoluene	n/a	=	84	%	EPA 625	-88	-88	39	139	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	2,4-Dinitrotoluene	n/a	=	38.6	µg/L	EPA 625	0.18	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	2,4-Dinitrotoluene	n/a	=	42.2	µg/L	EPA 625	0.18	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	2,4-Dinitrotoluene	n/a	=	84	%	EPA 625	-88	-88	39	139	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	2,4-Dinitrotoluene	n/a	=	77	%	EPA 625	-88	-88	39	139	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	2,4-Dinitrotoluene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	46.2	µg/L	EPA 625	0.18	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	40.6	µg/L	EPA 625	0.18	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	39	139	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	92	%	EPA 625	-88	-88	39	139	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	2,4-Dinitrotoluene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	2,6-Dinitrotoluene	n/a	=	38.7	µg/L	EPA 625	0.27	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	2,6-Dinitrotoluene	n/a	=	77	%	EPA 625	-88	-88	50	158	
2011/12-4	Lab	method blank	5/8/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	2,6-Dinitrotoluene	n/a	=	42.8	µg/L	EPA 625	0.27	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625	-88	-88	50	158	
2011/12-4	Lab	method blank	5/31/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	39.9	µg/L	EPA 625	0.27	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	80	%	EPA 625	-88	-88	50	158	
2011/12-4	Lab	method blank	6/5/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	2,6-Dinitrotoluene	n/a	=	40.5	µg/L	EPA 625	0.27	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	2,6-Dinitrotoluene	n/a	=	43	µg/L	EPA 625	0.27	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625	-88	-88	50	158	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	50	158	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	2,6-Dinitrotoluene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	2,6-Dinitrotoluene	n/a	=	37.2	µg/L	EPA 625	0.27	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	2,6-Dinitrotoluene	n/a	=	41.4	µg/L	EPA 625	0.27	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	2,6-Dinitrotoluene	n/a	=	83	%	EPA 625	-88	-88	50	158	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	2,6-Dinitrotoluene	n/a	=	74	%	EPA 625	-88	-88	50	158	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	2,6-Dinitrotoluene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	43.8	µg/L	EPA 625	0.27	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	39.8	µg/L	EPA 625	0.27	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	80	%	EPA 625	-88	-88	50	158	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	88	%	EPA 625	-88	-88	50	158	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	2,6-Dinitrotoluene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	4/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	4.47	µg/L	EPA 524.2	0.61	1			
2011/12-4	Lab	LCS dup	4/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	6.24	µg/L	EPA 524.2	0.61	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS dup, rec	4/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	104	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, rec	4/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	74	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, RPD	4/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	33	%	EPA 524.2	-88	-88	0	30	IL
2011/12-4	Lab	method blank	4/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-4	Lab	LCS	5/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	5.07	µg/L	EPA 524.2	0.61	1			
2011/12-4	Lab	LCS dup	5/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	6.73	µg/L	EPA 524.2	0.61	1			
2011/12-4	Lab	LCS dup, rec	5/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	112	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, rec	5/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, RPD	5/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	28	%	EPA 524.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/24/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-4	Lab	LCS	5/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	5.96	µg/L	EPA 524.2	0.61	1			
2011/12-4	Lab	LCS dup	5/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	5.95	µg/L	EPA 524.2	0.61	1			
2011/12-4	Lab	LCS dup, rec	5/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, rec	5/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, RPD	5/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	0.2	%	EPA 524.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/25/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2011/12-4	Lab	LCS	5/8/2012	Organic	2-Chloronaphthalene	n/a	=	35.8	µg/L	EPA 625	0.45	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625	-88	-88	60	118	
2011/12-4	Lab	method blank	5/8/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	2-Chloronaphthalene	n/a	=	41.3	µg/L	EPA 625	0.45	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	2-Chloronaphthalene	n/a	=	83	%	EPA 625	-88	-88	60	118	
2011/12-4	Lab	method blank	5/31/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	2-Chloronaphthalene	n/a	=	40.5	µg/L	EPA 625	0.45	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	2-Chloronaphthalene	n/a	=	81	%	EPA 625	-88	-88	60	118	
2011/12-4	Lab	method blank	6/5/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	2-Chloronaphthalene	n/a	=	40.8	µg/L	EPA 625	0.45	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	2-Chloronaphthalene	n/a	=	43.5	µg/L	EPA 625	0.45	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	2-Chloronaphthalene	n/a	=	87	%	EPA 625	-88	-88	60	118	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	2-Chloronaphthalene	n/a	=	82	%	EPA 625	-88	-88	60	118	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	2-Chloronaphthalene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	2-Chloronaphthalene	n/a	=	37.7	µg/L	EPA 625	0.45	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	2-Chloronaphthalene	n/a	=	40.8	µg/L	EPA 625	0.45	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	2-Chloronaphthalene	n/a	=	82	%	EPA 625	-88	-88	60	118	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	2-Chloronaphthalene	n/a	=	75	%	EPA 625	-88	-88	60	118	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	2-Chloronaphthalene	n/a	=	41.5	µg/L	EPA 625	0.45	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	2-Chloronaphthalene	n/a	=	35.5	µg/L	EPA 625	0.45	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	2-Chloronaphthalene	n/a	=	71	%	EPA 625	-88	-88	60	118	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	2-Chloronaphthalene	n/a	=	83	%	EPA 625	-88	-88	60	118	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	2-Chloronaphthalene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/10/2012	Organic	2-Chlorophenol	n/a	=	6.26	µg/L	EPA 8270Cm	0.65	1			
2011/12-4	Lab	LCS, rec	5/10/2012	Organic	2-Chlorophenol	n/a	=	63	%	EPA 8270Cm	-88	-88	46	92	
2011/12-4	Lab	method blank	5/10/2012	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2011/12-4	Lab	LCS	5/29/2012	Organic	2-Chlorophenol	n/a	=	10	µg/L	EPA 8270Cm	0.65	1			
2011/12-4	Lab	LCS, rec	5/29/2012	Organic	2-Chlorophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	46	92	
2011/12-4	Lab	method blank	5/29/2012	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	2-Chlorophenol	n/a	=	7.87	µg/L	EPA 8270Cm	0.65	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	2-Chlorophenol	n/a	=	79	%	EPA 8270Cm	-88	-88	46	92	
2011/12-4	Lab	method blank	6/5/2012	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2011/12-4	MO-OJA	matrix spike	5/10/2012	Organic	2-Chlorophenol	n/a	=	7.2	µg/L	EPA 8270Cm	0.65	1			
2011/12-4	MO-OJA	matrix spike dup	5/10/2012	Organic	2-Chlorophenol	n/a	=	6.54	µg/L	EPA 8270Cm	0.65	1			
2011/12-4	MO-OJA	matrix spike dup, rec	5/10/2012	Organic	2-Chlorophenol	n/a	=	65	%	EPA 8270Cm	-88	-88	47	102	
2011/12-4	MO-OJA	matrix spike, rec	5/10/2012	Organic	2-Chlorophenol	n/a	=	72	%	EPA 8270Cm	-88	-88	47	102	
2011/12-4	MO-OJA	matrix spike, RPD	5/10/2012	Organic	2-Chlorophenol	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	2-Chlorophenol	n/a	=	7.87	µg/L	EPA 8270Cm	0.65	1			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	2-Chlorophenol	n/a	=	7.09	µg/L	EPA 8270Cm	0.65	1			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	2-Chlorophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	47	102	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	2-Chlorophenol	n/a	=	79	%	EPA 8270Cm	-88	-88	47	102	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	2-Chlorophenol	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	5/29/2012	Organic	2-Chlorophenol	n/a	=	10	µg/L	EPA 8270Cm	0.65	1			
2011/12-4	MO-VEN	matrix spike dup	5/29/2012	Organic	2-Chlorophenol	n/a	=	8.01	µg/L	EPA 8270Cm	0.65	1			GB
2011/12-4	MO-VEN	matrix spike dup, rec	5/29/2012	Organic	2-Chlorophenol	n/a	=	40	%	EPA 8270Cm	-88	-88	47	102	GB
2011/12-4	MO-VEN	matrix spike, rec	5/29/2012	Organic	2-Chlorophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	47	102	
2011/12-4	MO-VEN	matrix spike, RPD	5/29/2012	Organic	2-Chlorophenol	n/a	=	22	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	srgt LCS	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	39.7	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	130	
2011/12-4	Lab	srgt method blank	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	28.9	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 625	-88	-88	22	130	
2011/12-4	Lab	srgt LCS	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	6.28	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	Lab	srgt method blank	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	5.83	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	Lab	srgt LCS	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	40.5	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625	-88	-88	22	130	
2011/12-4	Lab	srgt method blank	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	30.4	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	22	130	
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	38.2	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	5.49	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	130	
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	23.2	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	4.3	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	46	%	EPA 625	-88	-88	22	130	
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	43	%	EPA 8270Cm	-88	-88	51	139	GN
2011/12-4	Lab	srgt LCS	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	3.32	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	Lab	srgt method blank	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	2.68	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	5.38	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	26.9	µg/L	EPA 625	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 625	-88	-88	22	130	
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	ME-SCR	srgt environ	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	39.2	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625	-88	-88	22	130	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-SCR	srgt matrix spike	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	39.7	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	40.8	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup, rec	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625	-88	-88	22	130	
2011/12-4	ME-SCR	srgt matrix spike, rec	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	130	
2011/12-4	ME-SCR	srgt environ	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	3.28	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	ME-VR2	srgt environ	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	41	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625	-88	-88	22	130	
2011/12-4	ME-VR2	srgt matrix spike	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	37.1	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	40.3	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup, rec	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625	-88	-88	22	130	
2011/12-4	ME-VR2	srgt matrix spike, rec	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	130	
2011/12-4	ME-VR2	srgt environ	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	5.47	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	6.09	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	30.4	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-CAM	srgt matrix spike	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	39.1	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	34.7	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-CAM	srgt matrix spike, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-FIL	srgt environ	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	30.2	µg/L	EPA 625	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-FIL	srgt environ	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	3.49	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-FIL	srgt matrix spike	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	3	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt matrix spike dup	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	3.24	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt matrix spike dup, rec	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-FIL	srgt matrix spike, rec	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	5.91	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	38.4	µg/L	EPA 625	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-MEI	srgt environ	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	36.5	µg/L	EPA 625	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-MEI	srgt environ	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	6.34	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-OJA	srgt environ	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	36.9	µg/L	EPA 625	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/8/2012	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-OJA	srgt environ	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	5.97	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-OJA	srgt matrix spike	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	6.96	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	6.18	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup, rec	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-OJA	srgt matrix spike, rec	5/11/2012	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-OXN	srgt environ	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	38.2	µg/L	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-OXN	srgt environ, rec	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-OXN	srgt environ	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	3.15	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	5.59	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	39.2	µg/L	EPA 625	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-SIM	srgt matrix spike	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	8.13	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	6.83	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-SIM	srgt matrix spike, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	6.94	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	34.2	µg/L	EPA 625	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-VEN	srgt environ	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	31	µg/L	EPA 625	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/31/2012	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	130	
2011/12-4	MO-VEN	srgt environ	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	2.57	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	6/6/2012	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 8270Cm	-88	-88	51	139	
2011/12-4	Lab	srgt LCS	5/8/2012	Organic	2-Fluorophenol	n/a	=	40	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/8/2012	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	6	96	
2011/12-4	Lab	srgt method blank	5/8/2012	Organic	2-Fluorophenol	n/a	=	31.1	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/8/2012	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625	-88	-88	6	96	
2011/12-4	Lab	srgt LCS	5/10/2012	Organic	2-Fluorophenol	n/a	=	7.84	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/10/2012	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	Lab	srgt method blank	5/10/2012	Organic	2-Fluorophenol	n/a	=	5.94	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/10/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	Lab	srgt LCS	5/29/2012	Organic	2-Fluorophenol	n/a	=	11.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/29/2012	Organic	2-Fluorophenol	n/a	=	29	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	Lab	srgt method blank	5/29/2012	Organic	2-Fluorophenol	n/a	=	9.73	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/29/2012	Organic	2-Fluorophenol	n/a	=	24	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	Lab	srgt LCS	5/31/2012	Organic	2-Fluorophenol	n/a	=	44.7	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/31/2012	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	6	96	
2011/12-4	Lab	srgt method blank	5/31/2012	Organic	2-Fluorophenol	n/a	=	37.3	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/31/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	2-Fluorophenol	n/a	=	41	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	2-Fluorophenol	n/a	=	11.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	6	96	
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	2-Fluorophenol	n/a	=	4.08	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	2-Fluorophenol	n/a	=	27.3	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	27	%	EPA 625	-88	-88	6	96	
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	20	%	EPA 8270Cm	-88	-88	24	82	GN
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	2-Fluorophenol	n/a	=	38.1	µg/L	EPA 625	-88	-88			
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	2-Fluorophenol	n/a	=	7.64	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	6	96	
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270Cm	-88	-88	24	82	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-SCR	srgt environ	5/29/2012	Organic	2-Fluorophenol	n/a	=	14.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/29/2012	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	ME-SCR	srgt environ	5/31/2012	Organic	2-Fluorophenol	n/a	=	44.4	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/31/2012	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	6	96	
2011/12-4	ME-SCR	srgt matrix spike	5/31/2012	Organic	2-Fluorophenol	n/a	=	34.5	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup	5/31/2012	Organic	2-Fluorophenol	n/a	=	35.8	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup, rec	5/31/2012	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	6	96	
2011/12-4	ME-SCR	srgt matrix spike, rec	5/31/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	6	96	
2011/12-4	ME-VR2	srgt environ	5/8/2012	Organic	2-Fluorophenol	n/a	=	47.4	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/8/2012	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	6	96	
2011/12-4	ME-VR2	srgt matrix spike	5/8/2012	Organic	2-Fluorophenol	n/a	=	39	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup	5/8/2012	Organic	2-Fluorophenol	n/a	=	42.7	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup, rec	5/8/2012	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	6	96	
2011/12-4	ME-VR2	srgt matrix spike, rec	5/8/2012	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	6	96	
2011/12-4	ME-VR2	srgt environ	5/10/2012	Organic	2-Fluorophenol	n/a	=	5.56	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/10/2012	Organic	2-Fluorophenol	n/a	=	28	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	2-Fluorophenol	n/a	=	37.3	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	2-Fluorophenol	n/a	=	9.77	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	
2011/12-4	MO-CAM	srgt matrix spike	6/5/2012	Organic	2-Fluorophenol	n/a	=	39.1	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup	6/5/2012	Organic	2-Fluorophenol	n/a	=	37.6	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	6	96	
2011/12-4	MO-CAM	srgt matrix spike, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	6	96	
2011/12-4	MO-FIL	srgt environ	5/29/2012	Organic	2-Fluorophenol	n/a	=	17.5	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/29/2012	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-FIL	srgt environ	5/31/2012	Organic	2-Fluorophenol	n/a	=	32.4	µg/L	EPA 625	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/31/2012	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	6	96	
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	2-Fluorophenol	n/a	=	9.45	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	2-Fluorophenol	n/a	=	54.4	µg/L	EPA 625	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	6	96	
2011/12-4	MO-MEI	srgt environ	5/8/2012	Organic	2-Fluorophenol	n/a	=	37	µg/L	EPA 625	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/8/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	
2011/12-4	MO-MEI	srgt environ	5/10/2012	Organic	2-Fluorophenol	n/a	=	6.65	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/10/2012	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-OJA	srgt environ	5/8/2012	Organic	2-Fluorophenol	n/a	=	47.4	µg/L	EPA 625	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/8/2012	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	6	96	
2011/12-4	MO-OJA	srgt environ	5/10/2012	Organic	2-Fluorophenol	n/a	=	6.16	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/10/2012	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-OJA	srgt matrix spike	5/10/2012	Organic	2-Fluorophenol	n/a	=	8.15	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup	5/10/2012	Organic	2-Fluorophenol	n/a	=	7.71	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup, rec	5/10/2012	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-OJA	srgt matrix spike, rec	5/10/2012	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-OXN	srgt environ	5/29/2012	Organic	2-Fluorophenol	n/a	=	36.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/29/2012	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-OXN	srgt environ	5/31/2012	Organic	2-Fluorophenol	n/a	=	56.9	µg/L	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-OXN	srgt environ, rec	5/31/2012	Organic	2-Fluorophenol	n/a	=	57	%	EPA 625	-88	-88	6	96	
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	2-Fluorophenol	n/a	=	56.6	µg/L	EPA 625	-88	-88			
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	2-Fluorophenol	n/a	=	8.55	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	57	%	EPA 625	-88	-88	6	96	
2011/12-4	MO-SIM	srgt matrix spike	6/5/2012	Organic	2-Fluorophenol	n/a	=	11.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup	6/5/2012	Organic	2-Fluorophenol	n/a	=	10.2	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-SIM	srgt matrix spike, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	2-Fluorophenol	n/a	=	11.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	2-Fluorophenol	n/a	=	41	µg/L	EPA 625	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	6	96	
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	2-Fluorophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-VEN	srgt environ	5/29/2012	Organic	2-Fluorophenol	n/a	=	9.35	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-4	MO-VEN	srgt environ, rec	5/29/2012	Organic	2-Fluorophenol	n/a	=	23	%	EPA 8270Cm	-88	-88	24	82	GN
2011/12-4	MO-VEN	srgt matrix spike	5/29/2012	Organic	2-Fluorophenol	n/a	=	11.6	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt matrix spike dup	5/29/2012	Organic	2-Fluorophenol	n/a	=	9.53	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt matrix spike dup, rec	5/29/2012	Organic	2-Fluorophenol	n/a	=	24	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-VEN	srgt matrix spike, rec	5/29/2012	Organic	2-Fluorophenol	n/a	=	29	%	EPA 8270Cm	-88	-88	24	82	
2011/12-4	MO-VEN	srgt environ	5/31/2012	Organic	2-Fluorophenol	n/a	=	32.8	µg/L	EPA 625	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/31/2012	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	6	96	
2011/12-4	Lab	method blank	5/10/2012	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2011/12-4	Lab	method blank	5/29/2012	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2011/12-4	Lab	method blank	6/5/2012	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2011/12-4	Lab	LCS	5/10/2012	Organic	2-Nitrophenol	n/a	=	6.66	µg/L	EPA 8270Cm	0.71	1			
2011/12-4	Lab	LCS, rec	5/10/2012	Organic	2-Nitrophenol	n/a	=	67	%	EPA 8270Cm	-88	-88	48	197	
2011/12-4	Lab	method blank	5/10/2012	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2011/12-4	Lab	LCS	5/29/2012	Organic	2-Nitrophenol	n/a	=	11.5	µg/L	EPA 8270Cm	0.71	1			
2011/12-4	Lab	LCS, rec	5/29/2012	Organic	2-Nitrophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	48	197	
2011/12-4	Lab	method blank	5/29/2012	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	2-Nitrophenol	n/a	=	9.59	µg/L	EPA 8270Cm	0.71	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	2-Nitrophenol	n/a	=	96	%	EPA 8270Cm	-88	-88	48	197	
2011/12-4	Lab	method blank	6/5/2012	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2011/12-4	Lab	LCS	5/8/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	38.6	µg/L	EPA 625	1.2	5			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	77	%	EPA 625	-88	-88	0.1	262	
2011/12-4	Lab	method blank	5/8/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-4	Lab	LCS	5/31/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	42.1	µg/L	EPA 625	1.2	5			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	84	%	EPA 625	-88	-88	0.1	262	
2011/12-4	Lab	method blank	5/31/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-4	Lab	LCS	6/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	35.1	µg/L	EPA 625	1.2	5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	70	%	EPA 625	-88	-88	0.1	262	
2011/12-4	Lab	method blank	6/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	16.2	µg/L	EPA 625	1.2	5			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	13.1	µg/L	EPA 625	1.2	5			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	26	%	EPA 625	-88	-88	0.1	262	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	32	%	EPA 625	-88	-88	0.1	262	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	21	%	EPA 625	-88	-88	0	30	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	26.7	µg/L	EPA 625	1.2	5			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	28.3	µg/L	EPA 625	1.2	5			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	57	%	EPA 625	-88	-88	0.1	262	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	53	%	EPA 625	-88	-88	0.1	262	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	2.8	µg/L	EPA 625	1.2	5			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	3.27	µg/L	EPA 625	1.2	5			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	7	%	EPA 625	-88	-88	0.1	262	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	6	%	EPA 625	-88	-88	0.1	262	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	15	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	method blank	5/10/2012	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-4	Lab	method blank	5/29/2012	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-4	Lab	method blank	6/5/2012	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2011/12-4	Lab	LCS	5/10/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.68	µg/L	EPA 8270Cm	0.14	1			
2011/12-4	Lab	LCS, rec	5/10/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	77	%	EPA 8270Cm	-88	-88	56	227	
2011/12-4	Lab	method blank	5/10/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2011/12-4	Lab	LCS	5/29/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	13.3	µg/L	EPA 8270Cm	0.14	1			
2011/12-4	Lab	LCS, rec	5/29/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	66	%	EPA 8270Cm	-88	-88	56	227	
2011/12-4	Lab	method blank	5/29/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.23	µg/L	EPA 8270Cm	0.14	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	92	%	EPA 8270Cm	-88	-88	56	227	
2011/12-4	Lab	method blank	6/5/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2011/12-4	Lab	srgt LCS	4/25/2012	Organic	4-Bromofluorobenzene	n/a	=	11.6	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup	4/25/2012	Organic	4-Bromofluorobenzene	n/a	=	10.6	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup, rec	4/25/2012	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt LCS, rec	4/25/2012	Organic	4-Bromofluorobenzene	n/a	=	116	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt method blank	4/25/2012	Organic	4-Bromofluorobenzene	n/a	=	8.35	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	4/25/2012	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt LCS	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	9.65	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	9.99	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup, rec	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt LCS, rec	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt method blank	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	8.97	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt LCS	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	10.8	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	11	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt LCS dup, rec	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	110	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt LCS, rec	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	108	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	srgt method blank	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	9.35	µg/L	EPA 524.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2011/12-4	ME-CC	srgt environ	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	8.84	µg/L	EPA 524.2	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-4	ME-SCR	srgt environ	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	8.83	µg/L	EPA 524.2	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2011/12-4	ME-VR2	srgt environ	4/26/2012	Organic	4-Bromofluorobenzene	n/a	=	7.93	µg/L	EPA 524.2	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	4/26/2012	Organic	4-Bromofluorobenzene	n/a	=	79	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-CAM	srgt environ	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	9.21	µg/L	EPA 524.2	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-CAM	srgt environ, rec	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-FIL	srgt environ	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	8.68	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	87	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-HUE	srgt environ	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	8.7	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	87	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-MEI	srgt environ	4/26/2012	Organic	4-Bromofluorobenzene	n/a	=	9.86	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	4/26/2012	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-OJA	srgt environ	4/26/2012	Organic	4-Bromofluorobenzene	n/a	=	8.67	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	4/26/2012	Organic	4-Bromofluorobenzene	n/a	=	87	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-OXN	srgt environ	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	8.73	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	87	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-SIM	srgt environ	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	9.05	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-THO	srgt environ	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	8.52	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	5/25/2012	Organic	4-Bromofluorobenzene	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2011/12-4	MO-VEN	srgt environ	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	9.17	µg/L	EPA 524.2	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/24/2012	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS	5/8/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	32.6	µg/L	EPA 625	0.36	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	65	%	EPA 625	-88	-88	56	127	
2011/12-4	Lab	method blank	5/8/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	37.5	µg/L	EPA 625	0.36	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	75	%	EPA 625	-88	-88	56	127	
2011/12-4	Lab	method blank	5/31/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	35.4	µg/L	EPA 625	0.36	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	71	%	EPA 625	-88	-88	56	127	
2011/12-4	Lab	method blank	6/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	35.2	µg/L	EPA 625	0.36	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	37.7	µg/L	EPA 625	0.36	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	75	%	EPA 625	-88	-88	56	127	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	56	127	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	30.6	µg/L	EPA 625	0.36	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	34.8	µg/L	EPA 625	0.36	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	56	127	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	61	%	EPA 625	-88	-88	56	127	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	37.8	µg/L	EPA 625	0.36	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	30	µg/L	EPA 625	0.36	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	60	%	EPA 625	-88	-88	56	127	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	56	127	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	23	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/10/2012	Organic	4-Chloro-3-methylphenol	n/a	=	6.97	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	Lab	LCS, rec	5/10/2012	Organic	4-Chloro-3-methylphenol	n/a	=	70	%	EPA 8270Cm	-88	-88	51	112	
2011/12-4	Lab	method blank	5/10/2012	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	Lab	LCS	5/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	11.4	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	Lab	LCS, rec	5/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	57	%	EPA 8270Cm	-88	-88	51	112	
2011/12-4	Lab	method blank	5/29/2012	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS	6/5/2012	Organic	4-Chloro-3-methylphenol	n/a	=	10.7	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	4-Chloro-3-methylphenol	n/a	=	107	%	EPA 8270Cm	-88	-88	51	112	
2011/12-4	Lab	method blank	6/5/2012	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	MO-OJA	matrix spike	5/10/2012	Organic	4-Chloro-3-methylphenol	n/a	=	8.19	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	MO-OJA	matrix spike dup	5/10/2012	Organic	4-Chloro-3-methylphenol	n/a	=	7.05	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	MO-OJA	matrix spike dup, rec	5/10/2012	Organic	4-Chloro-3-methylphenol	n/a	=	70	%	EPA 8270Cm	-88	-88	39	121	
2011/12-4	MO-OJA	matrix spike, rec	5/10/2012	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 8270Cm	-88	-88	39	121	
2011/12-4	MO-OJA	matrix spike, RPD	5/10/2012	Organic	4-Chloro-3-methylphenol	n/a	=	15	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	4-Chloro-3-methylphenol	n/a	=	10.7	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	4-Chloro-3-methylphenol	n/a	=	8.41	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	4-Chloro-3-methylphenol	n/a	=	84	%	EPA 8270Cm	-88	-88	39	121	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	4-Chloro-3-methylphenol	n/a	=	107	%	EPA 8270Cm	-88	-88	39	121	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	4-Chloro-3-methylphenol	n/a	=	24	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	5/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	11.4	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	MO-VEN	matrix spike dup	5/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	9.29	µg/L	EPA 8270Cm	0.37	1			
2011/12-4	MO-VEN	matrix spike dup, rec	5/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	46	%	EPA 8270Cm	-88	-88	39	121	
2011/12-4	MO-VEN	matrix spike, rec	5/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	57	%	EPA 8270Cm	-88	-88	39	121	
2011/12-4	MO-VEN	matrix spike, RPD	5/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	20	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	38.1	µg/L	EPA 625	0.41	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	25	158	
2011/12-4	Lab	method blank	5/8/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	42.5	µg/L	EPA 625	0.41	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	85	%	EPA 625	-88	-88	25	158	
2011/12-4	Lab	method blank	5/31/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	40.5	µg/L	EPA 625	0.41	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	81	%	EPA 625	-88	-88	25	158	
2011/12-4	Lab	method blank	6/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	40.3	µg/L	EPA 625	0.41	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	42.8	µg/L	EPA 625	0.41	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	86	%	EPA 625	-88	-88	25	158	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	81	%	EPA 625	-88	-88	25	158	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	37.7	µg/L	EPA 625	0.41	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	41	µg/L	EPA 625	0.41	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	25	158	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	75	%	EPA 625	-88	-88	25	158	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	43.1	µg/L	EPA 625	0.41	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	35.2	µg/L	EPA 625	0.41	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	25	158	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	86	%	EPA 625	-88	-88	25	158	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	20	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/10/2012	Organic	4-Nitrophenol	n/a	=	2.84	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS, rec	5/10/2012	Organic	4-Nitrophenol	n/a	=	28	%	EPA 8270Cm	-88	-88	15	73	
2011/12-4	Lab	method blank	5/10/2012	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS	5/29/2012	Organic	4-Nitrophenol	n/a	=	4.29	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS, rec	5/29/2012	Organic	4-Nitrophenol	n/a	=	21	%	EPA 8270Cm	-88	-88	15	73	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	method blank	5/29/2012	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS	6/5/2012	Organic	4-Nitrophenol	n/a	=	4.95	µg/L	EPA 8270Cm	1	2			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	4-Nitrophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	15	73	
2011/12-4	Lab	method blank	6/5/2012	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2011/12-4	MO-OJA	matrix spike	5/10/2012	Organic	4-Nitrophenol	n/a	=	3.09	µg/L	EPA 8270Cm	1	2			
2011/12-4	MO-OJA	matrix spike dup	5/10/2012	Organic	4-Nitrophenol	n/a	=	2.23	µg/L	EPA 8270Cm	1	2			
2011/12-4	MO-OJA	matrix spike dup, rec	5/10/2012	Organic	4-Nitrophenol	n/a	=	22	%	EPA 8270Cm	-88	-88	1	65	
2011/12-4	MO-OJA	matrix spike, rec	5/10/2012	Organic	4-Nitrophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	1	65	
2011/12-4	MO-OJA	matrix spike, RPD	5/10/2012	Organic	4-Nitrophenol	n/a	=	32	%	EPA 8270Cm	-88	-88	0	30	IL
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	4-Nitrophenol	n/a	=	4.95	µg/L	EPA 8270Cm	1	2			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	4-Nitrophenol	n/a	=	3.68	µg/L	EPA 8270Cm	1	2			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	4-Nitrophenol	n/a	=	37	%	EPA 8270Cm	-88	-88	1	65	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	4-Nitrophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	1	65	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	4-Nitrophenol	n/a	=	29	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	5/29/2012	Organic	4-Nitrophenol	n/a	=	4.29	µg/L	EPA 8270Cm	1	2			
2011/12-4	MO-VEN	matrix spike dup	5/29/2012	Organic	4-Nitrophenol	n/a	=	3.41	µg/L	EPA 8270Cm	1	2			
2011/12-4	MO-VEN	matrix spike dup, rec	5/29/2012	Organic	4-Nitrophenol	n/a	=	17	%	EPA 8270Cm	-88	-88	1	65	
2011/12-4	MO-VEN	matrix spike, rec	5/29/2012	Organic	4-Nitrophenol	n/a	=	21	%	EPA 8270Cm	-88	-88	1	65	
2011/12-4	MO-VEN	matrix spike, RPD	5/29/2012	Organic	4-Nitrophenol	n/a	=	23	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	LCS	5/11/2012	Organic	Acenaphthene	n/a	=	6.33	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Acenaphthene	n/a	=	63	%	EPA 8270Cm	-88	-88	47	145	
2011/12-4	Lab	method blank	5/11/2012	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Acenaphthene	n/a	=	5.27	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Acenaphthene	n/a	=	53	%	EPA 8270Cm	-88	-88	47	145	
2011/12-4	Lab	method blank	6/5/2012	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Acenaphthene	n/a	=	2.78	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Acenaphthene	n/a	=	56	%	EPA 8270Cm	-88	-88	47	145	
2011/12-4	Lab	method blank	6/6/2012	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Acenaphthene	n/a	=	3.72	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Acenaphthene	n/a	=	4.02	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Acenaphthene	n/a	=	80	%	EPA 8270Cm	-88	-88	47	145	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Acenaphthene	n/a	=	74	%	EPA 8270Cm	-88	-88	47	145	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Acenaphthene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Acenaphthene	n/a	=	7.79	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Acenaphthene	n/a	=	6.92	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Acenaphthene	n/a	=	69	%	EPA 8270Cm	-88	-88	47	145	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Acenaphthene	n/a	=	78	%	EPA 8270Cm	-88	-88	47	145	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Acenaphthene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Acenaphthene	n/a	=	9.4	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Acenaphthene	n/a	=	6.91	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Acenaphthene	n/a	=	69	%	EPA 8270Cm	-88	-88	47	145	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Acenaphthene	n/a	=	94	%	EPA 8270Cm	-88	-88	47	145	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Acenaphthene	n/a	=	31	%	EPA 8270Cm	-88	-88	0	30	IL
2011/12-4	Lab	LCS	5/11/2012	Organic	Acenaphthylene	n/a	=	7.06	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Acenaphthylene	n/a	=	71	%	EPA 8270Cm	-88	-88	33	145	
2011/12-4	Lab	method blank	5/11/2012	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Acenaphthylene	n/a	=	5.66	µg/L	EPA 8270Cm	0.13	0.5			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Acenaphthylene	n/a	=	57	%	EPA 8270Cm	-88	-88	33	145	
2011/12-4	Lab	method blank	6/5/2012	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Acenaphthylene	n/a	=	3.01	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Acenaphthylene	n/a	=	60	%	EPA 8270Cm	-88	-88	33	145	
2011/12-4	Lab	method blank	6/6/2012	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Acenaphthylene	n/a	=	3.84	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Acenaphthylene	n/a	=	4.14	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Acenaphthylene	n/a	=	83	%	EPA 8270Cm	-88	-88	33	145	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Acenaphthylene	n/a	=	77	%	EPA 8270Cm	-88	-88	33	145	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Acenaphthylene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Acenaphthylene	n/a	=	8.59	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Acenaphthylene	n/a	=	7.6	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Acenaphthylene	n/a	=	76	%	EPA 8270Cm	-88	-88	33	145	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Acenaphthylene	n/a	=	86	%	EPA 8270Cm	-88	-88	33	145	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Acenaphthylene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Acenaphthylene	n/a	=	9.5	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Acenaphthylene	n/a	=	7.45	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Acenaphthylene	n/a	=	74	%	EPA 8270Cm	-88	-88	33	145	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Acenaphthylene	n/a	=	95	%	EPA 8270Cm	-88	-88	33	145	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Acenaphthylene	n/a	=	24	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	LCS	5/11/2012	Organic	Anthracene	n/a	=	7.41	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Anthracene	n/a	=	74	%	EPA 8270Cm	-88	-88	27	133	
2011/12-4	Lab	method blank	5/11/2012	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Anthracene	n/a	=	7.52	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Anthracene	n/a	=	75	%	EPA 8270Cm	-88	-88	27	133	
2011/12-4	Lab	method blank	6/5/2012	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Anthracene	n/a	=	3.56	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Anthracene	n/a	=	71	%	EPA 8270Cm	-88	-88	27	133	
2011/12-4	Lab	method blank	6/6/2012	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Anthracene	n/a	=	4.18	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Anthracene	n/a	=	4.44	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Anthracene	n/a	=	89	%	EPA 8270Cm	-88	-88	27	133	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Anthracene	n/a	=	84	%	EPA 8270Cm	-88	-88	27	133	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Anthracene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Anthracene	n/a	=	8.3	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Anthracene	n/a	=	7.38	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Anthracene	n/a	=	74	%	EPA 8270Cm	-88	-88	27	133	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Anthracene	n/a	=	83	%	EPA 8270Cm	-88	-88	27	133	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Anthracene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Anthracene	n/a	=	9.59	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Anthracene	n/a	=	7.14	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Anthracene	n/a	=	71	%	EPA 8270Cm	-88	-88	27	133	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Anthracene	n/a	=	96	%	EPA 8270Cm	-88	-88	27	133	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Anthracene	n/a	=	29	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	LCS	5/11/2012	Organic	Benz(a)anthracene	n/a	=	8.23	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Benz(a)anthracene	n/a	=	82	%	EPA 8270Cm	-88	-88	33	143	
2011/12-4	Lab	method blank	5/11/2012	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	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	
2011/12-4	Lab	LCS	6/5/2012	Organic	Benz(a)anthracene	n/a	=	9.35	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Benz(a)anthracene	n/a	=	94	%	EPA 8270Cm	-88	-88	33	143	
2011/12-4	Lab	method blank	6/5/2012	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Benz(a)anthracene	n/a	=	4.02	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Benz(a)anthracene	n/a	=	80	%	EPA 8270Cm	-88	-88	33	143	
2011/12-4	Lab	method blank	6/6/2012	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Benz(a)anthracene	n/a	=	4.87	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Benz(a)anthracene	n/a	=	5.18	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Benz(a)anthracene	n/a	=	104	%	EPA 8270Cm	-88	-88	33	143	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Benz(a)anthracene	n/a	=	97	%	EPA 8270Cm	-88	-88	33	143	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Benz(a)anthracene	n/a	=	9.91	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Benz(a)anthracene	n/a	=	8.5	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Benz(a)anthracene	n/a	=	85	%	EPA 8270Cm	-88	-88	33	143	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Benz(a)anthracene	n/a	=	99	%	EPA 8270Cm	-88	-88	33	143	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Benz(a)anthracene	n/a	=	15	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Benz(a)anthracene	n/a	=	12.1	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Benz(a)anthracene	n/a	=	8.65	µg/L	EPA 8270Cm	0.28	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Benz(a)anthracene	n/a	=	86	%	EPA 8270Cm	-88	-88	33	143	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Benz(a)anthracene	n/a	=	121	%	EPA 8270Cm	-88	-88	33	143	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Benz(a)anthracene	n/a	=	33	%	EPA 8270Cm	-88	-88	0	30	IL
2011/12-4	Lab	method blank	5/8/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-4	Lab	method blank	5/31/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-4	Lab	method blank	6/5/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	3.81	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	4.36	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	4.38	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	3.49	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 525.2	-88	-88	29	153	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	70	%	EPA 525.2	-88	-88	29	153	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	87	%	EPA 525.2	-88	-88	29	153	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	76	%	EPA 525.2	-88	-88	29	153	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Organic	Benzo(a)pyrene	n/a	=	5.45	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Organic	Benzo(a)pyrene	n/a	=	109	%	EPA 525.2	-88	-88	54	136	
2011/12-4	Lab	method blank	5/2/2012	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	Lab	LCS	5/15/2012	Organic	Benzo(a)pyrene	n/a	=	5.98	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Organic	Benzo(a)pyrene	n/a	=	5.32	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Organic	Benzo(a)pyrene	n/a	=	106	%	EPA 525.2	-88	-88	54	136	
2011/12-4	Lab	LCS, rec	5/15/2012	Organic	Benzo(a)pyrene	n/a	=	120	%	EPA 525.2	-88	-88	54	136	
2011/12-4	Lab	LCS, RPD	5/15/2012	Organic	Benzo(a)pyrene	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	Lab	LCS	6/1/2012	Organic	Benzo(a)pyrene	n/a	=	5.59	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Organic	Benzo(a)pyrene	n/a	=	112	%	EPA 525.2	-88	-88	54	136	
2011/12-4	Lab	method blank	6/1/2012	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	Lab	LCS	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	3.49	µg/L	EPA 525.2	0.07	0.1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS, rec	6/2/2012	Organic	Benzo(a)pyrene	n/a	=	70	%	EPA 525.2	-88	-88	54	136	
2011/12-4	Lab	method blank	6/2/2012	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Organic	Benzo(a)pyrene	n/a	=	5.13	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Organic	Benzo(a)pyrene	n/a	=	5.65	µg/L	EPA 525.2	0.07	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 525.2	-88	-88	29	153	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Organic	Benzo(a)pyrene	n/a	=	103	%	EPA 525.2	-88	-88	29	153	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Organic	Benzo(a)pyrene	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/11/2012	Organic	Benzo(b)fluoranthene	n/a	=	7.33	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Benzo(b)fluoranthene	n/a	=	73	%	EPA 8270Cm	-88	-88	24	159	
2011/12-4	Lab	method blank	5/11/2012	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Benzo(b)fluoranthene	n/a	=	7.88	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Benzo(b)fluoranthene	n/a	=	79	%	EPA 8270Cm	-88	-88	24	159	
2011/12-4	Lab	method blank	6/5/2012	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Benzo(b)fluoranthene	n/a	=	3.06	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Benzo(b)fluoranthene	n/a	=	61	%	EPA 8270Cm	-88	-88	24	159	
2011/12-4	Lab	method blank	6/6/2012	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Benzo(b)fluoranthene	n/a	=	4.2	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Benzo(b)fluoranthene	n/a	=	4.53	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Benzo(b)fluoranthene	n/a	=	91	%	EPA 8270Cm	-88	-88	24	159	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 8270Cm	-88	-88	24	159	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Benzo(b)fluoranthene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Benzo(b)fluoranthene	n/a	=	9.46	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Benzo(b)fluoranthene	n/a	=	8.03	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Benzo(b)fluoranthene	n/a	=	80	%	EPA 8270Cm	-88	-88	24	159	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Benzo(b)fluoranthene	n/a	=	95	%	EPA 8270Cm	-88	-88	24	159	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Benzo(b)fluoranthene	n/a	=	16	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Benzo(b)fluoranthene	n/a	=	10.3	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Benzo(b)fluoranthene	n/a	=	7.6	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Benzo(b)fluoranthene	n/a	=	76	%	EPA 8270Cm	-88	-88	24	159	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Benzo(b)fluoranthene	n/a	=	103	%	EPA 8270Cm	-88	-88	24	159	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Benzo(b)fluoranthene	n/a	=	30	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	LCS	5/11/2012	Organic	Benzo(g,h,i)perylene	n/a	=	5.99	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Benzo(g,h,i)perylene	n/a	=	60	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-4	Lab	method blank	5/11/2012	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Benzo(g,h,i)perylene	n/a	=	6.2	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Benzo(g,h,i)perylene	n/a	=	62	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-4	Lab	method blank	6/5/2012	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Benzo(g,h,i)perylene	n/a	=	2.48	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Benzo(g,h,i)perylene	n/a	=	50	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-4	Lab	method blank	6/6/2012	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Benzo(g,h,i)perylene	n/a	=	3.12	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Benzo(g,h,i)perylene	n/a	=	3.83	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Benzo(g,h,i)perylene	n/a	=	77	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Benzo(g,h,i)perylene	n/a	=	62	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Benzo(g,h,i)perylene	n/a	=	20	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Benzo(g,h,i)perylene	n/a	=	6.66	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Benzo(g,h,i)perylene	n/a	=	6.5	µg/L	EPA 8270Cm	0.13	0.5			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Benzo(g,h,i)perylene	n/a	=	65	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Benzo(g,h,i)perylene	n/a	=	67	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Benzo(g,h,i)perylene	n/a	=	7.75	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Benzo(g,h,i)perylene	n/a	=	5.33	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Benzo(g,h,i)perylene	n/a	=	53	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Benzo(g,h,i)perylene	n/a	=	78	%	EPA 8270Cm	-88	-88	0.1	219	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Benzo(g,h,i)perylene	n/a	=	37	%	EPA 8270Cm	-88	-88	0	30	IL
2011/12-4	Lab	LCS	5/11/2012	Organic	Benzo(k)fluoranthene	n/a	=	7.86	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Benzo(k)fluoranthene	n/a	=	79	%	EPA 8270Cm	-88	-88	11	162	
2011/12-4	Lab	method blank	5/11/2012	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Benzo(k)fluoranthene	n/a	=	7.87	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Benzo(k)fluoranthene	n/a	=	79	%	EPA 8270Cm	-88	-88	11	162	
2011/12-4	Lab	method blank	6/5/2012	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Benzo(k)fluoranthene	n/a	=	3.16	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Benzo(k)fluoranthene	n/a	=	63	%	EPA 8270Cm	-88	-88	11	162	
2011/12-4	Lab	method blank	6/6/2012	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Benzo(k)fluoranthene	n/a	=	3.9	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Benzo(k)fluoranthene	n/a	=	4.42	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 8270Cm	-88	-88	11	162	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Benzo(k)fluoranthene	n/a	=	78	%	EPA 8270Cm	-88	-88	11	162	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Benzo(k)fluoranthene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Benzo(k)fluoranthene	n/a	=	9.18	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Benzo(k)fluoranthene	n/a	=	8.78	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 8270Cm	-88	-88	11	162	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 8270Cm	-88	-88	11	162	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Benzo(k)fluoranthene	n/a	=	10	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Benzo(k)fluoranthene	n/a	=	7.25	µg/L	EPA 8270Cm	0.12	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Benzo(k)fluoranthene	n/a	=	71	%	EPA 8270Cm	-88	-88	11	162	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Benzo(k)fluoranthene	n/a	=	99	%	EPA 8270Cm	-88	-88	11	162	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Benzo(k)fluoranthene	n/a	=	32	%	EPA 8270Cm	-88	-88	0	30	IL
2011/12-4	Lab	LCS	5/8/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	37.5	µg/L	EPA 625	0.25	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	75	%	EPA 625	-88	-88	33	184	
2011/12-4	Lab	method blank	5/8/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	42.5	µg/L	EPA 625	0.25	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	85	%	EPA 625	-88	-88	33	184	
2011/12-4	Lab	method blank	5/31/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	40.5	µg/L	EPA 625	0.25	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	81	%	EPA 625	-88	-88	33	184	
2011/12-4	Lab	method blank	6/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	38	µg/L	EPA 625	0.25	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	39.6	µg/L	EPA 625	0.25	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	79	%	EPA 625	-88	-88	33	184	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	76	%	EPA 625	-88	-88	33	184	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	36.5	µg/L	EPA 625	0.25	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	40.5	µg/L	EPA 625	0.25	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	81	%	EPA 625	-88	-88	33	184	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	73	%	EPA 625	-88	-88	33	184	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	39.1	µg/L	EPA 625	0.25	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	39.7	µg/L	EPA 625	0.25	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	79	%	EPA 625	-88	-88	33	184	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625	-88	-88	33	184	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	33.1	µg/L	EPA 625	0.27	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	66	%	EPA 625	-88	-88	12	158	
2011/12-4	Lab	method blank	5/8/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	38.7	µg/L	EPA 625	0.27	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	77	%	EPA 625	-88	-88	12	158	
2011/12-4	Lab	method blank	5/31/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	35.7	µg/L	EPA 625	0.27	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625	-88	-88	12	158	
2011/12-4	Lab	method blank	6/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	33.8	µg/L	EPA 625	0.27	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	35.7	µg/L	EPA 625	0.27	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625	-88	-88	12	158	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625	-88	-88	12	158	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	34	µg/L	EPA 625	0.27	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	37.9	µg/L	EPA 625	0.27	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	76	%	EPA 625	-88	-88	12	158	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625	-88	-88	12	158	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	33.4	µg/L	EPA 625	0.27	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	35.6	µg/L	EPA 625	0.27	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625	-88	-88	12	158	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625	-88	-88	12	158	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	33.3	µg/L	EPA 625	0.38	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	67	%	EPA 625	-88	-88	36	166	
2011/12-4	Lab	method blank	5/8/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	45.1	µg/L	EPA 625	0.38	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	90	%	EPA 625	-88	-88	36	166	
2011/12-4	Lab	method blank	5/31/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	43.3	µg/L	EPA 625	0.38	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	87	%	EPA 625	-88	-88	36	166	
2011/12-4	Lab	method blank	6/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	37.6	µg/L	EPA 625	0.38	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	41	µg/L	EPA 625	0.38	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	82	%	EPA 625	-88	-88	36	166	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625	-88	-88	36	166	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	9	%	EPA 625	-88	-88	0	30	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	33.7	µg/L	EPA 625	0.38	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	36.7	µg/L	EPA 625	0.38	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	73	%	EPA 625	-88	-88	36	166	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	67	%	EPA 625	-88	-88	36	166	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	38.5	µg/L	EPA 625	0.38	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	40.4	µg/L	EPA 625	0.38	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	81	%	EPA 625	-88	-88	36	166	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	77	%	EPA 625	-88	-88	36	166	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.23	µg/L	EPA 525.2	0.1	5			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.17	µg/L	EPA 525.2	0.1	5			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.45	µg/L	EPA 525.2	0.1	5			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6	µg/L	EPA 525.2	0.1	5			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	120	%	EPA 525.2	-88	-88	28	147	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	109	%	EPA 525.2	-88	-88	28	147	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	105	%	EPA 525.2	-88	-88	28	147	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	103	%	EPA 525.2	-88	-88	28	147	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.66	µg/L	EPA 525.2	0.1	5			
2011/12-4	Lab	LCS, rec	5/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	113	%	EPA 525.2	-88	-88	50	145	
2011/12-4	Lab	method blank	5/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-4	Lab	LCS	5/15/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.75	µg/L	EPA 525.2	0.1	5			
2011/12-4	Lab	LCS dup	5/15/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.58	µg/L	EPA 525.2	0.1	5			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	112	%	EPA 525.2	-88	-88	50	145	
2011/12-4	Lab	LCS, rec	5/15/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	115	%	EPA 525.2	-88	-88	50	145	
2011/12-4	Lab	LCS, RPD	5/15/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-4	Lab	LCS	6/1/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.48	µg/L	EPA 525.2	0.1	5			
2011/12-4	Lab	LCS, rec	6/1/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	110	%	EPA 525.2	-88	-88	50	145	
2011/12-4	Lab	method blank	6/1/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-4	Lab	LCS	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6	µg/L	EPA 525.2	0.1	5			
2011/12-4	Lab	LCS, rec	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	120	%	EPA 525.2	-88	-88	50	145	
2011/12-4	Lab	method blank	6/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.03	µg/L	EPA 525.2	0.1	5			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.85	µg/L	EPA 525.2	0.1	5			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	137	%	EPA 525.2	-88	-88	28	147	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	121	%	EPA 525.2	-88	-88	28	147	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.79	µg/L	EPA 525.2	1.1	3			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.25	µg/L	EPA 525.2	1.1	3			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.01	µg/L	EPA 525.2	1.1	3			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.56	µg/L	EPA 525.2	1.1	3			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	100	%	EPA 525.2	-88	-88	23	154	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 525.2	-88	-88	23	154	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	96	%	EPA 525.2	-88	-88	23	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	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	105	%	EPA 525.2	-88	-88	23	154	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.23	µg/L	EPA 525.2	1.1	3			
2011/12-4	Lab	LCS, rec	5/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	105	%	EPA 525.2	-88	-88	54	142	
2011/12-4	Lab	method blank	5/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2011/12-4	Lab	LCS	5/15/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.79	µg/L	EPA 525.2	1.1	3			
2011/12-4	Lab	LCS dup	5/15/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.94	µg/L	EPA 525.2	1.1	3			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	119	%	EPA 525.2	-88	-88	54	142	
2011/12-4	Lab	LCS, rec	5/15/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	116	%	EPA 525.2	-88	-88	54	142	
2011/12-4	Lab	LCS, RPD	5/15/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2011/12-4	Lab	LCS	6/1/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.14	µg/L	EPA 525.2	1.1	3			
2011/12-4	Lab	LCS, rec	6/1/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 525.2	-88	-88	54	142	
2011/12-4	Lab	method blank	6/1/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2011/12-4	Lab	LCS	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.56	µg/L	EPA 525.2	1.1	3			
2011/12-4	Lab	LCS, rec	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 525.2	-88	-88	54	142	
2011/12-4	Lab	method blank	6/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.06	µg/L	EPA 525.2	1.1	3			R
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.84	µg/L	EPA 525.2	1.1	3			R
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	-30	%	EPA 525.2	-88	-88	23	154	R
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	-316	%	EPA 525.2	-88	-88	23	154	R
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	Butyl benzyl phthalate	n/a	=	45.6	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Butyl benzyl phthalate	n/a	=	91	%	EPA 625	-88	-88	0.1	152	
2011/12-4	Lab	method blank	5/8/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Butyl benzyl phthalate	n/a	=	50.3	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Butyl benzyl phthalate	n/a	=	101	%	EPA 625	-88	-88	0.1	152	
2011/12-4	Lab	method blank	5/31/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Butyl benzyl phthalate	n/a	=	46.7	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Butyl benzyl phthalate	n/a	=	93	%	EPA 625	-88	-88	0.1	152	
2011/12-4	Lab	method blank	6/5/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Butyl benzyl phthalate	n/a	=	45	µg/L	EPA 625	0.18	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Butyl benzyl phthalate	n/a	=	50.4	µg/L	EPA 625	0.18	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Butyl benzyl phthalate	n/a	=	101	%	EPA 625	-88	-88	0.1	152	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Butyl benzyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	152	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Butyl benzyl phthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Butyl benzyl phthalate	n/a	=	43.2	µg/L	EPA 625	0.18	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Butyl benzyl phthalate	n/a	=	46.3	µg/L	EPA 625	0.18	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Butyl benzyl phthalate	n/a	=	91	%	EPA 625	-88	-88	0.1	152	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Butyl benzyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	152	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Butyl benzyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Butyl benzyl phthalate	n/a	=	50.8	µg/L	EPA 625	0.18	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Butyl benzyl phthalate	n/a	=	41.8	µg/L	EPA 625	0.18	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Butyl benzyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	152	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Butyl benzyl phthalate	n/a	=	102	%	EPA 625	-88	-88	0.1	152	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Butyl benzyl phthalate	n/a	=	20	%	EPA 625	-88	-88	0	30	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS	5/11/2012	Organic	Chrysene	n/a	=	7.54	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Chrysene	n/a	=	75	%	EPA 8270Cm	-88	-88	17	168	
2011/12-4	Lab	method blank	5/11/2012	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Chrysene	n/a	=	7.56	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Chrysene	n/a	=	76	%	EPA 8270Cm	-88	-88	17	168	
2011/12-4	Lab	method blank	6/5/2012	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Chrysene	n/a	=	3.48	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Chrysene	n/a	=	70	%	EPA 8270Cm	-88	-88	17	168	
2011/12-4	Lab	method blank	6/6/2012	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Chrysene	n/a	=	4.11	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Chrysene	n/a	=	4.32	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Chrysene	n/a	=	86	%	EPA 8270Cm	-88	-88	17	168	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Chrysene	n/a	=	82	%	EPA 8270Cm	-88	-88	17	168	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Chrysene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Chrysene	n/a	=	8.6	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Chrysene	n/a	=	7.73	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Chrysene	n/a	=	77	%	EPA 8270Cm	-88	-88	17	168	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Chrysene	n/a	=	86	%	EPA 8270Cm	-88	-88	17	168	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Chrysene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Chrysene	n/a	=	9.83	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Chrysene	n/a	=	7.31	µg/L	EPA 8270Cm	0.09	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Chrysene	n/a	=	73	%	EPA 8270Cm	-88	-88	17	168	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Chrysene	n/a	=	98	%	EPA 8270Cm	-88	-88	17	168	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Chrysene	n/a	=	29	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	LCS	5/11/2012	Organic	Dibenz(a,h)anthracene	n/a	=	5.86	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Dibenz(a,h)anthracene	n/a	=	59	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-4	Lab	method blank	5/11/2012	Organic	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Dibenz(a,h)anthracene	n/a	=	6.58	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Dibenz(a,h)anthracene	n/a	=	66	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-4	Lab	method blank	6/5/2012	Organic	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Dibenz(a,h)anthracene	n/a	=	2.59	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Dibenz(a,h)anthracene	n/a	=	52	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-4	Lab	method blank	6/6/2012	Organic	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Dibenz(a,h)anthracene	n/a	=	3.27	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Dibenz(a,h)anthracene	n/a	=	3.98	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Dibenz(a,h)anthracene	n/a	=	80	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Dibenz(a,h)anthracene	n/a	=	65	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Dibenz(a,h)anthracene	n/a	=	20	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Dibenz(a,h)anthracene	n/a	=	6.61	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Dibenz(a,h)anthracene	n/a	=	6.43	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Dibenz(a,h)anthracene	n/a	=	64	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Dibenz(a,h)anthracene	n/a	=	66	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Dibenz(a,h)anthracene	n/a	=	8.65	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Dibenz(a,h)anthracene	n/a	=	5.76	µg/L	EPA 8270Cm	0.13	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Dibenz(a,h)anthracene	n/a	=	58	%	EPA 8270Cm	-88	-88	0.1	227	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Dibenz(a,h)anthracene	n/a	=	86	%	EPA 8270Cm	-88	-88	0.1	227	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Dibenz(a,h)anthracene	n/a	=	40	%	EPA 8270Cm	-88	-88	0	30	IL
2011/12-4	Lab	LCS	5/8/2012	Organic	Diethyl phthalate	n/a	=	39.3	µg/L	EPA 625	0.15	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Diethyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	112	
2011/12-4	Lab	method blank	5/8/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Diethyl phthalate	n/a	=	44	µg/L	EPA 625	0.15	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Diethyl phthalate	n/a	=	88	%	EPA 625	-88	-88	0.1	112	
2011/12-4	Lab	method blank	5/31/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Diethyl phthalate	n/a	=	41.2	µg/L	EPA 625	0.15	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	112	
2011/12-4	Lab	method blank	6/5/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Diethyl phthalate	n/a	=	41.6	µg/L	EPA 625	0.15	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Diethyl phthalate	n/a	=	44.1	µg/L	EPA 625	0.15	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Diethyl phthalate	n/a	=	88	%	EPA 625	-88	-88	0.1	112	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	112	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Diethyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Diethyl phthalate	n/a	=	38.5	µg/L	EPA 625	0.15	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Diethyl phthalate	n/a	=	42.3	µg/L	EPA 625	0.15	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	112	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Diethyl phthalate	n/a	=	75	%	EPA 625	-88	-88	0.1	112	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Diethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Diethyl phthalate	n/a	=	49.2	µg/L	EPA 625	0.15	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Diethyl phthalate	n/a	=	45	µg/L	EPA 625	0.15	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	112	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Diethyl phthalate	n/a	=	91	%	EPA 625	-88	-88	0.1	112	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Diethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	Dimethyl phthalate	n/a	=	39.4	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Dimethyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	112	
2011/12-4	Lab	method blank	5/8/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Dimethyl phthalate	n/a	=	43.5	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Dimethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	112	
2011/12-4	Lab	method blank	5/31/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Dimethyl phthalate	n/a	=	41.5	µg/L	EPA 625	0.18	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Dimethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	112	
2011/12-4	Lab	method blank	6/5/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Dimethyl phthalate	n/a	=	41.3	µg/L	EPA 625	0.18	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Dimethyl phthalate	n/a	=	44	µg/L	EPA 625	0.18	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Dimethyl phthalate	n/a	=	88	%	EPA 625	-88	-88	0.1	112	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Dimethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	112	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Dimethyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Dimethyl phthalate	n/a	=	37.5	µg/L	EPA 625	0.18	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Dimethyl phthalate	n/a	=	41.4	µg/L	EPA 625	0.18	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Dimethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	112	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Dimethyl phthalate	n/a	=	75	%	EPA 625	-88	-88	0.1	112	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Dimethyl phthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Dimethyl phthalate	n/a	=	44.8	µg/L	EPA 625	0.18	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Dimethyl phthalate	n/a	=	41.2	µg/L	EPA 625	0.18	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Dimethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	112	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Dimethyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	112	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Dimethyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	Di-n-butylphthalate	n/a	=	41.8	µg/L	EPA 625	0.24	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Di-n-butylphthalate	n/a	=	84	%	EPA 625	-88	-88	1	118	
2011/12-4	Lab	method blank	5/8/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Di-n-butylphthalate	n/a	=	48	µg/L	EPA 625	0.24	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Di-n-butylphthalate	n/a	=	96	%	EPA 625	-88	-88	1	118	
2011/12-4	Lab	method blank	5/31/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Di-n-butylphthalate	n/a	=	46.5	µg/L	EPA 625	0.24	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Di-n-butylphthalate	n/a	=	93	%	EPA 625	-88	-88	1	118	
2011/12-4	Lab	method blank	6/5/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Di-n-butylphthalate	n/a	=	44.6	µg/L	EPA 625	0.24	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Di-n-butylphthalate	n/a	=	47.5	µg/L	EPA 625	0.24	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Di-n-butylphthalate	n/a	=	95	%	EPA 625	-88	-88	1	118	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Di-n-butylphthalate	n/a	=	89	%	EPA 625	-88	-88	1	118	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Di-n-butylphthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Di-n-butylphthalate	n/a	=	39.4	µg/L	EPA 625	0.24	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Di-n-butylphthalate	n/a	=	43.3	µg/L	EPA 625	0.24	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Di-n-butylphthalate	n/a	=	87	%	EPA 625	-88	-88	1	118	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625	-88	-88	1	118	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Di-n-butylphthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Di-n-butylphthalate	n/a	=	51	µg/L	EPA 625	0.24	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Di-n-butylphthalate	n/a	=	41.9	µg/L	EPA 625	0.24	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Di-n-butylphthalate	n/a	=	83	%	EPA 625	-88	-88	1	118	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Di-n-butylphthalate	n/a	=	101	%	EPA 625	-88	-88	1	118	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Di-n-butylphthalate	n/a	=	20	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	Di-n-octylphthalate	n/a	=	41	µg/L	EPA 625	0.19	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Di-n-octylphthalate	n/a	=	82	%	EPA 625	-88	-88	6	146	
2011/12-4	Lab	method blank	5/8/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Di-n-octylphthalate	n/a	=	45.6	µg/L	EPA 625	0.19	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Di-n-octylphthalate	n/a	=	91	%	EPA 625	-88	-88	6	146	
2011/12-4	Lab	method blank	5/31/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Di-n-octylphthalate	n/a	=	41.4	µg/L	EPA 625	0.19	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Di-n-octylphthalate	n/a	=	83	%	EPA 625	-88	-88	6	146	
2011/12-4	Lab	method blank	6/5/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Di-n-octylphthalate	n/a	=	42.1	µg/L	EPA 625	0.19	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Di-n-octylphthalate	n/a	=	44.6	µg/L	EPA 625	0.19	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Di-n-octylphthalate	n/a	=	89	%	EPA 625	-88	-88	6	146	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Di-n-octylphthalate	n/a	=	84	%	EPA 625	-88	-88	6	146	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Di-n-octylphthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Di-n-octylphthalate	n/a	=	40.4	µg/L	EPA 625	0.19	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Di-n-octylphthalate	n/a	=	43.2	µg/L	EPA 625	0.19	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Di-n-octylphthalate	n/a	=	86	%	EPA 625	-88	-88	6	146	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Di-n-octylphthalate	n/a	=	81	%	EPA 625	-88	-88	6	146	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Di-n-octylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Di-n-octylphthalate	n/a	=	47.7	µg/L	EPA 625	0.19	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Di-n-octylphthalate	n/a	=	38.4	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	
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Di-n-octylphthalate	n/a	=	77	%	EPA 625	-88	-88	6	146	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Di-n-octylphthalate	n/a	=	95	%	EPA 625	-88	-88	6	146	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Di-n-octylphthalate	n/a	=	22	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/11/2012	Organic	Fluoranthene	n/a	=	7.84	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Fluoranthene	n/a	=	78	%	EPA 8270Cm	-88	-88	26	137	
2011/12-4	Lab	method blank	5/11/2012	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Fluoranthene	n/a	=	7.82	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Fluoranthene	n/a	=	78	%	EPA 8270Cm	-88	-88	26	137	
2011/12-4	Lab	method blank	6/5/2012	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Fluoranthene	n/a	=	3.72	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Fluoranthene	n/a	=	74	%	EPA 8270Cm	-88	-88	26	137	
2011/12-4	Lab	method blank	6/6/2012	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Fluoranthene	n/a	=	4.43	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Fluoranthene	n/a	=	4.66	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Fluoranthene	n/a	=	93	%	EPA 8270Cm	-88	-88	26	137	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Fluoranthene	n/a	=	89	%	EPA 8270Cm	-88	-88	26	137	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Fluoranthene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Fluoranthene	n/a	=	8.7	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Fluoranthene	n/a	=	8.11	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Fluoranthene	n/a	=	81	%	EPA 8270Cm	-88	-88	26	137	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Fluoranthene	n/a	=	87	%	EPA 8270Cm	-88	-88	26	137	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Fluoranthene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Fluoranthene	n/a	=	10.1	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Fluoranthene	n/a	=	7.51	µg/L	EPA 8270Cm	0.2	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Fluoranthene	n/a	=	75	%	EPA 8270Cm	-88	-88	26	137	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Fluoranthene	n/a	=	101	%	EPA 8270Cm	-88	-88	26	137	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Fluoranthene	n/a	=	30	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	LCS	5/11/2012	Organic	Fluorene	n/a	=	6.97	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Fluorene	n/a	=	70	%	EPA 8270Cm	-88	-88	59	121	
2011/12-4	Lab	method blank	5/11/2012	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Fluorene	n/a	=	6.04	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Fluorene	n/a	=	60	%	EPA 8270Cm	-88	-88	59	121	
2011/12-4	Lab	method blank	6/5/2012	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Fluorene	n/a	=	3	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Fluorene	n/a	=	60	%	EPA 8270Cm	-88	-88	59	121	
2011/12-4	Lab	method blank	6/6/2012	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Fluorene	n/a	=	3.9	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Fluorene	n/a	=	4.17	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Fluorene	n/a	=	83	%	EPA 8270Cm	-88	-88	59	121	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Fluorene	n/a	=	78	%	EPA 8270Cm	-88	-88	59	121	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Fluorene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Fluorene	n/a	=	8.5	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Fluorene	n/a	=	7.55	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Fluorene	n/a	=	76	%	EPA 8270Cm	-88	-88	59	121	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Fluorene	n/a	=	85	%	EPA 8270Cm	-88	-88	59	121	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Fluorene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Fluorene	n/a	=	9.74	µg/L	EPA 8270Cm	0.15	0.5			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Fluorene	n/a	=	7.22	µg/L	EPA 8270Cm	0.15	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Fluorene	n/a	=	72	%	EPA 8270Cm	-88	-88	59	121	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Fluorene	n/a	=	97	%	EPA 8270Cm	-88	-88	59	121	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Fluorene	n/a	=	30	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	Hexachlorobenzene	n/a	=	37.2	µg/L	EPA 625	0.49	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Hexachlorobenzene	n/a	=	74	%	EPA 625	-88	-88	0.1	152	
2011/12-4	Lab	method blank	5/8/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Hexachlorobenzene	n/a	=	40.6	µg/L	EPA 625	0.49	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Hexachlorobenzene	n/a	=	81	%	EPA 625	-88	-88	0.1	152	
2011/12-4	Lab	method blank	5/31/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Hexachlorobenzene	n/a	=	37.9	µg/L	EPA 625	0.49	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Hexachlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	152	
2011/12-4	Lab	method blank	6/5/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Hexachlorobenzene	n/a	=	38.2	µg/L	EPA 625	0.49	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Hexachlorobenzene	n/a	=	40.6	µg/L	EPA 625	0.49	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Hexachlorobenzene	n/a	=	81	%	EPA 625	-88	-88	0.1	152	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Hexachlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	152	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Hexachlorobenzene	n/a	=	34.5	µg/L	EPA 625	0.49	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Hexachlorobenzene	n/a	=	39.8	µg/L	EPA 625	0.49	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Hexachlorobenzene	n/a	=	80	%	EPA 625	-88	-88	0.1	152	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Hexachlorobenzene	n/a	=	69	%	EPA 625	-88	-88	0.1	152	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Hexachlorobenzene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Hexachlorobenzene	n/a	=	40.7	µg/L	EPA 625	0.49	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Hexachlorobenzene	n/a	=	32.1	µg/L	EPA 625	0.49	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Hexachlorobenzene	n/a	=	64	%	EPA 625	-88	-88	0.1	152	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Hexachlorobenzene	n/a	=	81	%	EPA 625	-88	-88	0.1	152	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Hexachlorobenzene	n/a	=	24	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	Hexachlorobutadiene	n/a	=	27.7	µg/L	EPA 625	0.47	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Hexachlorobutadiene	n/a	=	55	%	EPA 625	-88	-88	24	116	
2011/12-4	Lab	method blank	5/8/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Hexachlorobutadiene	n/a	=	32	µg/L	EPA 625	0.47	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Hexachlorobutadiene	n/a	=	64	%	EPA 625	-88	-88	24	116	
2011/12-4	Lab	method blank	5/31/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Hexachlorobutadiene	n/a	=	34.1	µg/L	EPA 625	0.47	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Hexachlorobutadiene	n/a	=	68	%	EPA 625	-88	-88	24	116	
2011/12-4	Lab	method blank	6/5/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Hexachlorobutadiene	n/a	=	33.8	µg/L	EPA 625	0.47	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Hexachlorobutadiene	n/a	=	36	µg/L	EPA 625	0.47	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	24	116	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Hexachlorobutadiene	n/a	=	68	%	EPA 625	-88	-88	24	116	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Hexachlorobutadiene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Hexachlorobutadiene	n/a	=	33.2	µg/L	EPA 625	0.47	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Hexachlorobutadiene	n/a	=	36.2	µg/L	EPA 625	0.47	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	24	116	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Hexachlorobutadiene	n/a	=	66	%	EPA 625	-88	-88	24	116	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Hexachlorobutadiene	n/a	=	9	%	EPA 625	-88	-88	0	30	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Hexachlorobutadiene	n/a	=	35.6	µg/L	EPA 625	0.47	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Hexachlorobutadiene	n/a	=	24.8	µg/L	EPA 625	0.47	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Hexachlorobutadiene	n/a	=	50	%	EPA 625	-88	-88	24	116	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Hexachlorobutadiene	n/a	=	71	%	EPA 625	-88	-88	24	116	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Hexachlorobutadiene	n/a	=	36	%	EPA 625	-88	-88	0	30	IL
2011/12-4	Lab	LCS	5/8/2012	Organic	Hexachlorocyclopentadiene	n/a	=	22.9	µg/L	EPA 625	1.5	5			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Hexachlorocyclopentadiene	n/a	=	46	%	EPA 625	-88	-88	0.1	136	
2011/12-4	Lab	method blank	5/8/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-4	Lab	LCS	5/31/2012	Organic	Hexachlorocyclopentadiene	n/a	=	19.6	µg/L	EPA 625	1.5	5			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Hexachlorocyclopentadiene	n/a	=	39	%	EPA 625	-88	-88	0.1	136	
2011/12-4	Lab	method blank	5/31/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	19.8	µg/L	EPA 625	1.5	5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	40	%	EPA 625	-88	-88	0.1	136	
2011/12-4	Lab	method blank	6/5/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Hexachlorocyclopentadiene	n/a	=	22.8	µg/L	EPA 625	1.5	5			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Hexachlorocyclopentadiene	n/a	=	24.4	µg/L	EPA 625	1.5	5			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Hexachlorocyclopentadiene	n/a	=	49	%	EPA 625	-88	-88	0.1	146	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Hexachlorocyclopentadiene	n/a	=	46	%	EPA 625	-88	-88	0.1	146	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Hexachlorocyclopentadiene	n/a	=	26.2	µg/L	EPA 625	1.5	5			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Hexachlorocyclopentadiene	n/a	=	28.9	µg/L	EPA 625	1.5	5			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Hexachlorocyclopentadiene	n/a	=	58	%	EPA 625	-88	-88	0.1	146	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Hexachlorocyclopentadiene	n/a	=	52	%	EPA 625	-88	-88	0.1	146	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Hexachlorocyclopentadiene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	15.6	µg/L	EPA 625	1.5	5			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	10.2	µg/L	EPA 625	1.5	5			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	20	%	EPA 625	-88	-88	0.1	146	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	31	%	EPA 625	-88	-88	0.1	146	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Hexachlorocyclopentadiene	n/a	=	42	%	EPA 625	-88	-88	0	30	IL
2011/12-4	Lab	LCS	5/8/2012	Organic	Hexachloroethane	n/a	=	26.2	µg/L	EPA 625	0.52	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Hexachloroethane	n/a	=	52	%	EPA 625	-88	-88	40	113	
2011/12-4	Lab	method blank	5/8/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Hexachloroethane	n/a	=	28.1	µg/L	EPA 625	0.52	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Hexachloroethane	n/a	=	56	%	EPA 625	-88	-88	40	113	
2011/12-4	Lab	method blank	5/31/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Hexachloroethane	n/a	=	30.4	µg/L	EPA 625	0.52	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Hexachloroethane	n/a	=	61	%	EPA 625	-88	-88	40	113	
2011/12-4	Lab	method blank	6/5/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Hexachloroethane	n/a	=	29.6	µg/L	EPA 625	0.52	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Hexachloroethane	n/a	=	32.1	µg/L	EPA 625	0.52	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Hexachloroethane	n/a	=	64	%	EPA 625	-88	-88	40	113	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Hexachloroethane	n/a	=	59	%	EPA 625	-88	-88	40	113	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Hexachloroethane	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Hexachloroethane	n/a	=	31.8	µg/L	EPA 625	0.52	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Hexachloroethane	n/a	=	34.7	µg/L	EPA 625	0.52	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Hexachloroethane	n/a	=	69	%	EPA 625	-88	-88	40	113	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Hexachloroethane	n/a	=	64	%	EPA 625	-88	-88	40	113	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Hexachloroethane	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Hexachloroethane	n/a	=	28.8	µg/L	EPA 625	0.52	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Hexachloroethane	n/a	=	18.8	µg/L	EPA 625	0.52	1			GB
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Hexachloroethane	n/a	=	38	%	EPA 625	-88	-88	40	113	GB
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Hexachloroethane	n/a	=	58	%	EPA 625	-88	-88	40	113	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Hexachloroethane	n/a	=	42	%	EPA 625	-88	-88	0	30	IL
2011/12-4	Lab	LCS	5/11/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.09	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	61	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-4	Lab	method blank	5/11/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.51	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	65	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-4	Lab	method blank	6/5/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2.57	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	51	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-4	Lab	method blank	6/6/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3.25	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3.93	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	79	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	65	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.92	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.7	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	67	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	69	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.36	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.68	µg/L	EPA 8270Cm	0.1	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	56	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 8270Cm	-88	-88	0.1	171	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	38	%	EPA 8270Cm	-88	-88	0	30	IL
2011/12-4	Lab	LCS	5/8/2012	Organic	Isophorone	n/a	=	35.2	µg/L	EPA 625	0.21	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Isophorone	n/a	=	70	%	EPA 625	-88	-88	21	196	
2011/12-4	Lab	method blank	5/8/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Isophorone	n/a	=	40	µg/L	EPA 625	0.21	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Isophorone	n/a	=	80	%	EPA 625	-88	-88	21	196	
2011/12-4	Lab	method blank	5/31/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Isophorone	n/a	=	38.4	µg/L	EPA 625	0.21	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Isophorone	n/a	=	77	%	EPA 625	-88	-88	21	196	
2011/12-4	Lab	method blank	6/5/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Isophorone	n/a	=	36	µg/L	EPA 625	0.21	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Isophorone	n/a	=	37.7	µg/L	EPA 625	0.21	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Isophorone	n/a	=	75	%	EPA 625	-88	-88	21	196	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Isophorone	n/a	=	72	%	EPA 625	-88	-88	21	196	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Isophorone	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Isophorone	n/a	=	34.1	µg/L	EPA 625	0.21	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Isophorone	n/a	=	37.2	µg/L	EPA 625	0.21	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Isophorone	n/a	=	74	%	EPA 625	-88	-88	21	196	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Isophorone	n/a	=	68	%	EPA 625	-88	-88	21	196	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Isophorone	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Isophorone	n/a	=	36.8	µg/L	EPA 625	0.21	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Isophorone	n/a	=	36.9	µg/L	EPA 625	0.21	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Isophorone	n/a	=	74	%	EPA 625	-88	-88	21	196	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Isophorone	n/a	=	74	%	EPA 625	-88	-88	21	196	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Isophorone	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	4/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.07	µg/L	EPA 524.2	0.19	2			
2011/12-4	Lab	LCS dup	4/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.67	µg/L	EPA 524.2	0.19	2			
2011/12-4	Lab	LCS dup, rec	4/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, rec	4/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, RPD	4/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	8	%	EPA 524.2	-88	-88	0	30	
2011/12-4	Lab	method blank	4/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2011/12-4	Lab	LCS	5/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.81	µg/L	EPA 524.2	0.19	2			
2011/12-4	Lab	LCS dup	5/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.61	µg/L	EPA 524.2	0.19	2			
2011/12-4	Lab	LCS dup, rec	5/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, rec	5/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, RPD	5/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	15	%	EPA 524.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/24/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2011/12-4	Lab	LCS	5/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.14	µg/L	EPA 524.2	0.19	2			
2011/12-4	Lab	LCS dup	5/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.76	µg/L	EPA 524.2	0.19	2			
2011/12-4	Lab	LCS dup, rec	5/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	96	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, rec	5/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	86	%	EPA 524.2	-88	-88	70	130	
2011/12-4	Lab	LCS, RPD	5/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	11	%	EPA 524.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/25/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2011/12-4	Lab	LCS	5/11/2012	Organic	Naphthalene	n/a	=	5.7	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Naphthalene	n/a	=	57	%	EPA 8270Cm	-88	-88	21	133	
2011/12-4	Lab	method blank	5/11/2012	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Naphthalene	n/a	=	4.48	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Naphthalene	n/a	=	45	%	EPA 8270Cm	-88	-88	21	133	
2011/12-4	Lab	method blank	6/5/2012	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Naphthalene	n/a	=	2.43	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Naphthalene	n/a	=	49	%	EPA 8270Cm	-88	-88	21	133	
2011/12-4	Lab	method blank	6/6/2012	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Naphthalene	n/a	=	3.47	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Naphthalene	n/a	=	3.85	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Naphthalene	n/a	=	77	%	EPA 8270Cm	-88	-88	21	133	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Naphthalene	n/a	=	69	%	EPA 8270Cm	-88	-88	21	133	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Naphthalene	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Naphthalene	n/a	=	7.33	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Naphthalene	n/a	=	6.45	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Naphthalene	n/a	=	64	%	EPA 8270Cm	-88	-88	21	133	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Naphthalene	n/a	=	73	%	EPA 8270Cm	-88	-88	21	133	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Naphthalene	n/a	=	13	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Naphthalene	n/a	=	8.48	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Naphthalene	n/a	=	5.97	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Naphthalene	n/a	=	60	%	EPA 8270Cm	-88	-88	21	133	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Naphthalene	n/a	=	85	%	EPA 8270Cm	-88	-88	21	133	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Naphthalene	n/a	=	35	%	EPA 8270Cm	-88	-88	0	30	IL
2011/12-4	Lab	LCS	5/8/2012	Organic	Nitrobenzene	n/a	=	37.5	µg/L	EPA 625	0.36	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	Nitrobenzene	n/a	=	75	%	EPA 625	-88	-88	35	180	
2011/12-4	Lab	method blank	5/8/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	Nitrobenzene	n/a	=	42.5	µg/L	EPA 625	0.36	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	Nitrobenzene	n/a	=	85	%	EPA 625	-88	-88	35	180	
2011/12-4	Lab	method blank	5/31/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Nitrobenzene	n/a	=	41.4	µg/L	EPA 625	0.36	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Nitrobenzene	n/a	=	83	%	EPA 625	-88	-88	35	180	
2011/12-4	Lab	method blank	6/5/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	Nitrobenzene	n/a	=	37.9	µg/L	EPA 625	0.36	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	Nitrobenzene	n/a	=	39.6	µg/L	EPA 625	0.36	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	Nitrobenzene	n/a	=	79	%	EPA 625	-88	-88	35	180	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	Nitrobenzene	n/a	=	76	%	EPA 625	-88	-88	35	180	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	Nitrobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	Nitrobenzene	n/a	=	36.7	µg/L	EPA 625	0.36	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	Nitrobenzene	n/a	=	40.1	µg/L	EPA 625	0.36	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	Nitrobenzene	n/a	=	80	%	EPA 625	-88	-88	35	180	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	Nitrobenzene	n/a	=	73	%	EPA 625	-88	-88	35	180	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	Nitrobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	Nitrobenzene	n/a	=	39	µg/L	EPA 625	0.36	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	Nitrobenzene	n/a	=	39.8	µg/L	EPA 625	0.36	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	Nitrobenzene	n/a	=	80	%	EPA 625	-88	-88	35	180	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	Nitrobenzene	n/a	=	78	%	EPA 625	-88	-88	35	180	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	Nitrobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	srgt LCS	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	37.3	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	34	139	
2011/12-4	Lab	srgt method blank	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	28.5	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625	-88	-88	34	139	
2011/12-4	Lab	srgt LCS	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	6.86	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	Lab	srgt method blank	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	5.76	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	Lab	srgt LCS	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	42	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625	-88	-88	34	139	
2011/12-4	Lab	srgt method blank	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	34.4	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	34	139	
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	40	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	6.16	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	34	139	
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	25.7	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	4.81	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 625	-88	-88	34	139	
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 8270Cm	-88	-88	51	143	GN
2011/12-4	Lab	srgt LCS	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	3.93	µg/L	EPA 8270Cm	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	srgt LCS, rec	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	Lab	srgt method blank	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	2.52	µg/L	EPA 8270Cm	-88	-88			GN
2011/12-4	Lab	srgt method blank, rec	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	50	%	EPA 8270Cm	-88	-88	51	143	GN
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	29.3	µg/L	EPA 625	-88	-88			
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	5.68	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 625	-88	-88	34	139	
2011/12-4	ME-SCR	srgt environ	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	43	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625	-88	-88	34	139	
2011/12-4	ME-SCR	srgt matrix spike	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	37.3	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	38.2	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup, rec	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	34	139	
2011/12-4	ME-SCR	srgt matrix spike, rec	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	34	139	
2011/12-4	ME-SCR	srgt environ	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	3.45	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	ME-VR2	srgt environ	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	44.9	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625	-88	-88	34	139	
2011/12-4	ME-VR2	srgt matrix spike	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	36	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	39.4	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup, rec	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	34	139	
2011/12-4	ME-VR2	srgt matrix spike, rec	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	34	139	
2011/12-4	ME-VR2	srgt environ	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	5.98	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	6.98	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	31.8	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-CAM	srgt matrix spike	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	37.4	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	38	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-CAM	srgt matrix spike, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-FIL	srgt environ	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	32.4	µg/L	EPA 625	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-FIL	srgt environ	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	3.64	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-FIL	srgt matrix spike	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	3.15	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt matrix spike dup	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	3.54	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt matrix spike dup, rec	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-FIL	srgt matrix spike, rec	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	6.61	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	42.5	µg/L	EPA 625	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-MEI	srgt environ	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-MEI	srgt environ	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	7.39	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270Cm	-88	-88	51	143	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-OJA	srgt environ	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	41.8	µg/L	EPA 625	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/8/2012	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-OJA	srgt environ	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	6.7	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-OJA	srgt matrix spike	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	7.94	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	7.07	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup, rec	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-OJA	srgt matrix spike, rec	5/11/2012	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-OXN	srgt environ	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	43.5	µg/L	EPA 625	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-OXN	srgt environ	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	3.38	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	6.34	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	43.3	µg/L	EPA 625	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-SIM	srgt matrix spike	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	8.58	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	7.36	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-SIM	srgt matrix spike, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	34	µg/L	EPA 625	-88	-88			
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	8.04	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-VEN	srgt environ	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	34.5	µg/L	EPA 625	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/31/2012	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	34	139	
2011/12-4	MO-VEN	srgt environ	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	3.02	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	6/6/2012	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270Cm	-88	-88	51	143	
2011/12-4	Lab	LCS	5/8/2012	Organic	N-Nitrosodimethylamine	n/a	=	18.1	µg/L	EPA 625	0.14	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	N-Nitrosodimethylamine	n/a	=	36	%	EPA 625	-88	-88	27	78	
2011/12-4	Lab	method blank	5/8/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	N-Nitrosodimethylamine	n/a	=	22.9	µg/L	EPA 625	0.14	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625	-88	-88	27	78	
2011/12-4	Lab	method blank	5/31/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	21.1	µg/L	EPA 625	0.14	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625	-88	-88	27	78	
2011/12-4	Lab	method blank	6/5/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	N-Nitrosodimethylamine	n/a	=	15.8	µg/L	EPA 625	0.14	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	N-Nitrosodimethylamine	n/a	=	19.2	µg/L	EPA 625	0.14	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	N-Nitrosodimethylamine	n/a	=	38	%	EPA 625	-88	-88	22	70	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	N-Nitrosodimethylamine	n/a	=	32	%	EPA 625	-88	-88	22	70	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	N-Nitrosodimethylamine	n/a	=	20	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	N-Nitrosodimethylamine	n/a	=	18.1	µg/L	EPA 625	0.14	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	N-Nitrosodimethylamine	n/a	=	20.5	µg/L	EPA 625	0.14	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	N-Nitrosodimethylamine	n/a	=	41	%	EPA 625	-88	-88	22	70	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	N-Nitrosodimethylamine	n/a	=	36	%	EPA 625	-88	-88	22	70	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	N-Nitrosodimethylamine	n/a	=	13	%	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	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	24.4	µg/L	EPA 625	0.14	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	26.1	µg/L	EPA 625	0.14	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	52	%	EPA 625	-88	-88	22	70	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	49	%	EPA 625	-88	-88	22	70	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	N-Nitrosodimethylamine	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	36.8	µg/L	EPA 625	0.26	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	74	%	EPA 625	-88	-88	0.1	230	
2011/12-4	Lab	method blank	5/8/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	43.1	µg/L	EPA 625	0.26	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	86	%	EPA 625	-88	-88	0.1	230	
2011/12-4	Lab	method blank	5/31/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	41	µg/L	EPA 625	0.26	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	82	%	EPA 625	-88	-88	0.1	230	
2011/12-4	Lab	method blank	6/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	38.2	µg/L	EPA 625	0.26	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	39.9	µg/L	EPA 625	0.26	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	80	%	EPA 625	-88	-88	0.1	230	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	76	%	EPA 625	-88	-88	0.1	230	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	35	µg/L	EPA 625	0.26	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	38.8	µg/L	EPA 625	0.26	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	78	%	EPA 625	-88	-88	0.1	230	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	70	%	EPA 625	-88	-88	0.1	230	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	38.6	µg/L	EPA 625	0.26	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	39.7	µg/L	EPA 625	0.26	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	79	%	EPA 625	-88	-88	0.1	230	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	77	%	EPA 625	-88	-88	0.1	230	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	LCS	5/8/2012	Organic	N-Nitrosodiphenylamine	n/a	=	33.3	µg/L	EPA 625	0.19	1			
2011/12-4	Lab	LCS, rec	5/8/2012	Organic	N-Nitrosodiphenylamine	n/a	=	67	%	EPA 625	-88	-88	48	129	
2011/12-4	Lab	method blank	5/8/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-4	Lab	LCS	5/31/2012	Organic	N-Nitrosodiphenylamine	n/a	=	38.6	µg/L	EPA 625	0.19	1			
2011/12-4	Lab	LCS, rec	5/31/2012	Organic	N-Nitrosodiphenylamine	n/a	=	77	%	EPA 625	-88	-88	48	129	
2011/12-4	Lab	method blank	5/31/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	35.6	µg/L	EPA 625	0.19	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625	-88	-88	48	129	
2011/12-4	Lab	method blank	6/5/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-4	ME-SCR	matrix spike	5/31/2012	Organic	N-Nitrosodiphenylamine	n/a	=	35.8	µg/L	EPA 625	0.19	1			
2011/12-4	ME-SCR	matrix spike dup	5/31/2012	Organic	N-Nitrosodiphenylamine	n/a	=	37.7	µg/L	EPA 625	0.19	1			
2011/12-4	ME-SCR	matrix spike dup, rec	5/31/2012	Organic	N-Nitrosodiphenylamine	n/a	=	75	%	EPA 625	-88	-88	17	138	
2011/12-4	ME-SCR	matrix spike, rec	5/31/2012	Organic	N-Nitrosodiphenylamine	n/a	=	72	%	EPA 625	-88	-88	17	138	
2011/12-4	ME-SCR	matrix spike, RPD	5/31/2012	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	5/8/2012	Organic	N-Nitrosodiphenylamine	n/a	=	29.4	µg/L	EPA 625	0.19	1			
2011/12-4	ME-VR2	matrix spike dup	5/8/2012	Organic	N-Nitrosodiphenylamine	n/a	=	32.4	µg/L	EPA 625	0.19	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/8/2012	Organic	N-Nitrosodiphenylamine	n/a	=	65	%	EPA 625	-88	-88	17	138	
2011/12-4	ME-VR2	matrix spike, rec	5/8/2012	Organic	N-Nitrosodiphenylamine	n/a	=	59	%	EPA 625	-88	-88	17	138	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-VR2	matrix spike, RPD	5/8/2012	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-4	MO-CAM	matrix spike	6/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	39.7	µg/L	EPA 625	0.19	1			
2011/12-4	MO-CAM	matrix spike dup	6/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	34.3	µg/L	EPA 625	0.19	1			
2011/12-4	MO-CAM	matrix spike dup, rec	6/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625	-88	-88	17	138	
2011/12-4	MO-CAM	matrix spike, rec	6/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	79	%	EPA 625	-88	-88	17	138	
2011/12-4	MO-CAM	matrix spike, RPD	6/5/2012	Organic	N-Nitrosodiphenylamine	n/a	=	15	%	EPA 625	-88	-88	0	30	
2011/12-4	Lab	srgt LCS	5/2/2012	Organic	Perylene-d12	n/a	=	5.84	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/2/2012	Organic	Perylene-d12	n/a	=	117	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt method blank	5/2/2012	Organic	Perylene-d12	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/2/2012	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt LCS	5/15/2012	Organic	Perylene-d12	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS dup	5/15/2012	Organic	Perylene-d12	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS dup, rec	5/15/2012	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt LCS, rec	5/15/2012	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt method blank	5/15/2012	Organic	Perylene-d12	n/a	=	5.03	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/15/2012	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt LCS	6/1/2012	Organic	Perylene-d12	n/a	=	5.73	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/1/2012	Organic	Perylene-d12	n/a	=	115	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt method blank	6/1/2012	Organic	Perylene-d12	n/a	=	5.19	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/1/2012	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt LCS	6/2/2012	Organic	Perylene-d12	n/a	=	3.66	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/2/2012	Organic	Perylene-d12	n/a	=	73	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt matrix spike	6/2/2012	Organic	Perylene-d12	n/a	=	5.05	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike	6/2/2012	Organic	Perylene-d12	n/a	=	3.33	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	6/2/2012	Organic	Perylene-d12	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	6/2/2012	Organic	Perylene-d12	n/a	=	3.66	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup, rec	6/2/2012	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt matrix spike dup, rec	6/2/2012	Organic	Perylene-d12	n/a	=	73	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt matrix spike, rec	6/2/2012	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt matrix spike, rec	6/2/2012	Organic	Perylene-d12	n/a	=	67	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	srgt method blank	6/2/2012	Organic	Perylene-d12	n/a	=	4.57	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/2/2012	Organic	Perylene-d12	n/a	=	91	%	EPA 525.2	-88	-88	48	141	
2011/12-4	ME-CC	srgt environ	6/2/2012	Organic	Perylene-d12	n/a	=	3.96	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/2/2012	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	48	141	
2011/12-4	ME-SCR	srgt environ	6/2/2012	Organic	Perylene-d12	n/a	=	4.16	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	6/2/2012	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	48	141	
2011/12-4	ME-VR2	srgt matrix spike	5/2/2012	Organic	Perylene-d12	n/a	=	3.45	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup	5/2/2012	Organic	Perylene-d12	n/a	=	4.04	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup, rec	5/2/2012	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	48	141	
2011/12-4	ME-VR2	srgt matrix spike, rec	5/2/2012	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	48	141	
2011/12-4	ME-VR2	srgt environ	5/15/2012	Organic	Perylene-d12	n/a	=	3.47	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/15/2012	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	48	141	
2011/12-4	MO-CAM	srgt environ	6/2/2012	Organic	Perylene-d12	n/a	=	5.25	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/2/2012	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	48	141	
2011/12-4	MO-FIL	srgt environ	6/2/2012	Organic	Perylene-d12	n/a	=	3.65	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	6/2/2012	Organic	Perylene-d12	n/a	=	73	%	EPA 525.2	-88	-88	48	141	
2011/12-4	MO-HUE	srgt environ	6/2/2012	Organic	Perylene-d12	n/a	=	2.48	µg/L	EPA 525.2	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-HUE	srgt environ, rec	6/2/2012	Organic	Perylene-d12	n/a	=	50	%	EPA 525.2	-88	-88	48	141	
2011/12-4	MO-MEI	srgt environ	5/2/2012	Organic	Perylene-d12	n/a	=	5.49	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/2/2012	Organic	Perylene-d12	n/a	=	110	%	EPA 525.2	-88	-88	48	141	
2011/12-4	MO-OJA	srgt environ	5/2/2012	Organic	Perylene-d12	n/a	=	4.02	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/2/2012	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	48	141	
2011/12-4	MO-OXN	srgt environ	6/2/2012	Organic	Perylene-d12	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	6/2/2012	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	48	141	
2011/12-4	MO-SIM	srgt environ	6/2/2012	Organic	Perylene-d12	n/a	=	4.1	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/2/2012	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	48	141	
2011/12-4	MO-THO	srgt environ	6/2/2012	Organic	Perylene-d12	n/a	=	5.53	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/2/2012	Organic	Perylene-d12	n/a	=	111	%	EPA 525.2	-88	-88	48	141	
2011/12-4	MO-VEN	srgt environ	6/2/2012	Organic	Perylene-d12	n/a	=	4.43	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	6/2/2012	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	48	141	
2011/12-4	Lab	LCS	5/11/2012	Organic	Phenanthrene	n/a	=	7.01	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Phenanthrene	n/a	=	70	%	EPA 8270Cm	-88	-88	54	120	
2011/12-4	Lab	method blank	5/11/2012	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Phenanthrene	n/a	=	6.74	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Phenanthrene	n/a	=	67	%	EPA 8270Cm	-88	-88	54	120	
2011/12-4	Lab	method blank	6/5/2012	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Phenanthrene	n/a	=	3.27	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Phenanthrene	n/a	=	65	%	EPA 8270Cm	-88	-88	54	120	
2011/12-4	Lab	method blank	6/6/2012	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Phenanthrene	n/a	=	3.96	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Phenanthrene	n/a	=	4.23	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Phenanthrene	n/a	=	85	%	EPA 8270Cm	-88	-88	54	120	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Phenanthrene	n/a	=	79	%	EPA 8270Cm	-88	-88	54	120	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Phenanthrene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Phenanthrene	n/a	=	8.21	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Phenanthrene	n/a	=	7.29	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Phenanthrene	n/a	=	73	%	EPA 8270Cm	-88	-88	54	120	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Phenanthrene	n/a	=	82	%	EPA 8270Cm	-88	-88	54	120	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Phenanthrene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Phenanthrene	n/a	=	9.21	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Phenanthrene	n/a	=	6.96	µg/L	EPA 8270Cm	0.11	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Phenanthrene	n/a	=	70	%	EPA 8270Cm	-88	-88	54	120	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Phenanthrene	n/a	=	92	%	EPA 8270Cm	-88	-88	54	120	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Phenanthrene	n/a	=	28	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	LCS	5/10/2012	Organic	Phenol	n/a	=	2.35	µg/L	EPA 8270Cm	0.35	1			
2011/12-4	Lab	LCS, rec	5/10/2012	Organic	Phenol	n/a	=	24	%	EPA 8270Cm	-88	-88	14	40	
2011/12-4	Lab	method blank	5/10/2012	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2011/12-4	Lab	LCS	5/29/2012	Organic	Phenol	n/a	=	3.92	µg/L	EPA 8270Cm	0.35	1			
2011/12-4	Lab	LCS, rec	5/29/2012	Organic	Phenol	n/a	=	20	%	EPA 8270Cm	-88	-88	14	40	
2011/12-4	Lab	method blank	5/29/2012	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2011/12-4	Lab	LCS	6/5/2012	Organic	Phenol	n/a	=	4.65	µg/L	EPA 8270Cm	0.35	1			EUM
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Phenol	n/a	=	46	%	EPA 8270Cm	-88	-88	14	40	EUM
2011/12-4	Lab	method blank	6/5/2012	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2011/12-4	MO-OJA	matrix spike	5/10/2012	Organic	Phenol	n/a	=	2.65	µg/L	EPA 8270Cm	0.35	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-OJA	matrix spike dup	5/10/2012	Organic	Phenol	n/a	=	2.48	µg/L	EPA 8270Cm	0.35	1			
2011/12-4	MO-OJA	matrix spike dup, rec	5/10/2012	Organic	Phenol	n/a	=	25	%	EPA 8270Cm	-88	-88	14	50	
2011/12-4	MO-OJA	matrix spike, rec	5/10/2012	Organic	Phenol	n/a	=	26	%	EPA 8270Cm	-88	-88	14	50	
2011/12-4	MO-OJA	matrix spike, RPD	5/10/2012	Organic	Phenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Phenol	n/a	=	4.65	µg/L	EPA 8270Cm	0.35	1			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Phenol	n/a	=	4.19	µg/L	EPA 8270Cm	0.35	1			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Phenol	n/a	=	42	%	EPA 8270Cm	-88	-88	14	50	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Phenol	n/a	=	46	%	EPA 8270Cm	-88	-88	14	50	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Phenol	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	5/29/2012	Organic	Phenol	n/a	=	3.92	µg/L	EPA 8270Cm	0.35	1			
2011/12-4	MO-VEN	matrix spike dup	5/29/2012	Organic	Phenol	n/a	=	3.08	µg/L	EPA 8270Cm	0.35	1			
2011/12-4	MO-VEN	matrix spike dup, rec	5/29/2012	Organic	Phenol	n/a	=	15	%	EPA 8270Cm	-88	-88	14	50	
2011/12-4	MO-VEN	matrix spike, rec	5/29/2012	Organic	Phenol	n/a	=	20	%	EPA 8270Cm	-88	-88	14	50	
2011/12-4	MO-VEN	matrix spike, RPD	5/29/2012	Organic	Phenol	n/a	=	24	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	srgt LCS	5/8/2012	Organic	Phenol-d5	n/a	=	25.2	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/8/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	2	70	
2011/12-4	Lab	srgt method blank	5/8/2012	Organic	Phenol-d5	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/8/2012	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	2	70	
2011/12-4	Lab	srgt LCS	5/10/2012	Organic	Phenol-d5	n/a	=	5.03	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/10/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	Lab	srgt method blank	5/10/2012	Organic	Phenol-d5	n/a	=	3.93	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/10/2012	Organic	Phenol-d5	n/a	=	20	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	Lab	srgt LCS	5/29/2012	Organic	Phenol-d5	n/a	=	7.73	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/29/2012	Organic	Phenol-d5	n/a	=	19	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	Lab	srgt method blank	5/29/2012	Organic	Phenol-d5	n/a	=	6.52	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/29/2012	Organic	Phenol-d5	n/a	=	16	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	Lab	srgt LCS	5/31/2012	Organic	Phenol-d5	n/a	=	29.4	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/31/2012	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2011/12-4	Lab	srgt method blank	5/31/2012	Organic	Phenol-d5	n/a	=	24.5	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/31/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	2	70	
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	Phenol-d5	n/a	=	29.4	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	Phenol-d5	n/a	=	9.23	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	Phenol-d5	n/a	=	46	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	Phenol-d5	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	Phenol-d5	n/a	=	2.67	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	Phenol-d5	n/a	=	18	%	EPA 625	-88	-88	2	70	
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	Phenol-d5	n/a	=	13	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	Phenol-d5	n/a	=	6.17	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	Phenol-d5	n/a	=	29.8	µg/L	EPA 625	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	Phenol-d5	n/a	=	31	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	ME-SCR	srgt environ	5/29/2012	Organic	Phenol-d5	n/a	=	9.16	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/29/2012	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	ME-SCR	srgt environ	5/31/2012	Organic	Phenol-d5	n/a	=	28.5	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/31/2012	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2011/12-4	ME-SCR	srgt matrix spike	5/31/2012	Organic	Phenol-d5	n/a	=	24.5	µg/L	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-SCR	srgt matrix spike dup	5/31/2012	Organic	Phenol-d5	n/a	=	24.8	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup, rec	5/31/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	2	70	
2011/12-4	ME-SCR	srgt matrix spike, rec	5/31/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	2	70	
2011/12-4	ME-VR2	srgt environ	5/8/2012	Organic	Phenol-d5	n/a	=	28.3	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/8/2012	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	
2011/12-4	ME-VR2	srgt matrix spike	5/8/2012	Organic	Phenol-d5	n/a	=	24.5	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup	5/8/2012	Organic	Phenol-d5	n/a	=	26.1	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup, rec	5/8/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	
2011/12-4	ME-VR2	srgt matrix spike, rec	5/8/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	2	70	
2011/12-4	ME-VR2	srgt environ	5/10/2012	Organic	Phenol-d5	n/a	=	3.57	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/10/2012	Organic	Phenol-d5	n/a	=	18	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	Phenol-d5	n/a	=	29.9	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	Phenol-d5	n/a	=	7.96	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	Phenol-d5	n/a	=	40	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	
2011/12-4	MO-CAM	srgt matrix spike	6/5/2012	Organic	Phenol-d5	n/a	=	32.6	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup	6/5/2012	Organic	Phenol-d5	n/a	=	31.2	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup, rec	6/5/2012	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	
2011/12-4	MO-CAM	srgt matrix spike, rec	6/5/2012	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	2	70	
2011/12-4	MO-FIL	srgt environ	5/29/2012	Organic	Phenol-d5	n/a	=	11.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/29/2012	Organic	Phenol-d5	n/a	=	28	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-FIL	srgt environ	5/31/2012	Organic	Phenol-d5	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/31/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	Phenol-d5	n/a	=	7.32	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	Phenol-d5	n/a	=	43.8	µg/L	EPA 625	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	Phenol-d5	n/a	=	37	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	Phenol-d5	n/a	=	44	%	EPA 625	-88	-88	2	70	
2011/12-4	MO-MEI	srgt environ	5/8/2012	Organic	Phenol-d5	n/a	=	23.2	µg/L	EPA 625	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/8/2012	Organic	Phenol-d5	n/a	=	23	%	EPA 625	-88	-88	2	70	
2011/12-4	MO-MEI	srgt environ	5/10/2012	Organic	Phenol-d5	n/a	=	4.12	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/10/2012	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-OJA	srgt environ	5/8/2012	Organic	Phenol-d5	n/a	=	28.6	µg/L	EPA 625	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/8/2012	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2011/12-4	MO-OJA	srgt environ	5/10/2012	Organic	Phenol-d5	n/a	=	4.19	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/10/2012	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-OJA	srgt matrix spike	5/10/2012	Organic	Phenol-d5	n/a	=	5.16	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup	5/10/2012	Organic	Phenol-d5	n/a	=	4.97	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup, rec	5/10/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-OJA	srgt matrix spike, rec	5/10/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-OXN	srgt environ	5/29/2012	Organic	Phenol-d5	n/a	=	28.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/29/2012	Organic	Phenol-d5	n/a	=	35	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-OXN	srgt environ	5/31/2012	Organic	Phenol-d5	n/a	=	43.7	µg/L	EPA 625	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/31/2012	Organic	Phenol-d5	n/a	=	44	%	EPA 625	-88	-88	2	70	
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	Phenol-d5	n/a	=	44	µg/L	EPA 625	-88	-88			
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	Phenol-d5	n/a	=	7.1	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	Phenol-d5	n/a	=	44	%	EPA 625	-88	-88	2	70	
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	Phenol-d5	n/a	=	36	%	EPA 8270Cm	-88	-88	13	58	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-SIM	srgt matrix spike	6/5/2012	Organic	Phenol-d5	n/a	=	9.23	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup	6/5/2012	Organic	Phenol-d5	n/a	=	8.05	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup, rec	6/5/2012	Organic	Phenol-d5	n/a	=	40	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-SIM	srgt matrix spike, rec	6/5/2012	Organic	Phenol-d5	n/a	=	46	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	Phenol-d5	n/a	=	35.4	µg/L	EPA 625	-88	-88			
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	Phenol-d5	n/a	=	8.55	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	2	70	
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	Phenol-d5	n/a	=	43	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-VEN	srgt environ	5/29/2012	Organic	Phenol-d5	n/a	=	6.46	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/29/2012	Organic	Phenol-d5	n/a	=	16	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-VEN	srgt matrix spike	5/29/2012	Organic	Phenol-d5	n/a	=	7.73	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt matrix spike dup	5/29/2012	Organic	Phenol-d5	n/a	=	6.35	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt matrix spike dup, rec	5/29/2012	Organic	Phenol-d5	n/a	=	16	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-VEN	srgt matrix spike, rec	5/29/2012	Organic	Phenol-d5	n/a	=	19	%	EPA 8270Cm	-88	-88	13	58	
2011/12-4	MO-VEN	srgt environ	5/31/2012	Organic	Phenol-d5	n/a	=	24.2	µg/L	EPA 625	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/31/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	2	70	
2011/12-4	Lab	srgt LCS	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	49	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625	-88	-88	6	145	
2011/12-4	Lab	srgt method blank	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	40.8	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 625	-88	-88	6	145	
2011/12-4	Lab	srgt LCS	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	7.84	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	Lab	srgt method blank	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	6.62	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	Lab	srgt LCS	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	54.9	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	110	%	EPA 625	-88	-88	6	145	
2011/12-4	Lab	srgt method blank	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	39.7	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	6	145	
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	50.2	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt LCS	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	8.36	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625	-88	-88	6	145	
2011/12-4	Lab	srgt LCS, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	9.72	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	37.5	µg/L	EPA 625	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	6	145	
2011/12-4	Lab	srgt method blank, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	Lab	srgt LCS	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	4.89	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	Lab	srgt method blank	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	4.51	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	39.5	µg/L	EPA 625	-88	-88			
2011/12-4	ME-CC	srgt environ	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	8.11	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	ME-CC	srgt environ, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	6	145	
2011/12-4	ME-SCR	srgt environ	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	49.6	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625	-88	-88	6	145	
2011/12-4	ME-SCR	srgt matrix spike	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	49.6	µg/L	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-SCR	srgt matrix spike dup	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	52.2	µg/L	EPA 625	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup, rec	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625	-88	-88	6	145	
2011/12-4	ME-SCR	srgt matrix spike, rec	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625	-88	-88	6	145	
2011/12-4	ME-SCR	srgt environ	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	4.15	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	ME-VR2	srgt environ	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	49.4	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625	-88	-88	6	145	
2011/12-4	ME-VR2	srgt matrix spike	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	44.5	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	50.4	µg/L	EPA 625	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup, rec	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625	-88	-88	6	145	
2011/12-4	ME-VR2	srgt matrix spike, rec	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625	-88	-88	6	145	
2011/12-4	ME-VR2	srgt environ	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	6.85	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	42.8	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt environ	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	7.96	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625	-88	-88	6	145	
2011/12-4	MO-CAM	srgt environ, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-CAM	srgt matrix spike	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	52.7	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	43.6	µg/L	EPA 625	-88	-88			
2011/12-4	MO-CAM	srgt matrix spike dup, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625	-88	-88	6	145	
2011/12-4	MO-CAM	srgt matrix spike, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 625	-88	-88	6	145	
2011/12-4	MO-FIL	srgt environ	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	44.1	µg/L	EPA 625	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	6	145	
2011/12-4	MO-FIL	srgt environ	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	4.13	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-FIL	srgt matrix spike	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	4.11	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt matrix spike dup	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	4.41	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-FIL	srgt matrix spike dup, rec	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-FIL	srgt matrix spike, rec	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	49.9	µg/L	EPA 625	-88	-88			
2011/12-4	MO-HUE	srgt environ	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	8.84	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-HUE	srgt environ, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625	-88	-88	6	145	
2011/12-4	MO-MEI	srgt environ	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	46.1	µg/L	EPA 625	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625	-88	-88	6	145	
2011/12-4	MO-MEI	srgt environ	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	7.54	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-OJA	srgt environ	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	47	µg/L	EPA 625	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/8/2012	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625	-88	-88	6	145	
2011/12-4	MO-OJA	srgt environ	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	7.13	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-OJA	srgt matrix spike	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	8.37	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	7.67	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup, rec	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-OJA	srgt matrix spike, rec	5/11/2012	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-OXN	srgt environ	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	51.6	µg/L	EPA 625	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 625	-88	-88	6	145	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-OXN	srgt environ	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	3.9	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	8.45	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt environ	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	50.5	µg/L	EPA 625	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-SIM	srgt environ, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625	-88	-88	6	145	
2011/12-4	MO-SIM	srgt matrix spike	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	10.3	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	8.54	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-SIM	srgt matrix spike dup, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-SIM	srgt matrix spike, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	45.5	µg/L	EPA 625	-88	-88			
2011/12-4	MO-THO	srgt environ	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	9.25	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625	-88	-88	6	145	
2011/12-4	MO-THO	srgt environ, rec	6/5/2012	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	MO-VEN	srgt environ	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	39.6	µg/L	EPA 625	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/31/2012	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	6	145	
2011/12-4	MO-VEN	srgt environ	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	3.09	µg/L	EPA 8270Cm	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	6/6/2012	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270Cm	-88	-88	19	134	
2011/12-4	Lab	LCS	5/11/2012	Organic	Pyrene	n/a	=	7.77	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	Lab	LCS, rec	5/11/2012	Organic	Pyrene	n/a	=	78	%	EPA 8270Cm	-88	-88	52	115	
2011/12-4	Lab	method blank	5/11/2012	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	Lab	LCS	6/5/2012	Organic	Pyrene	n/a	=	8	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	Lab	LCS, rec	6/5/2012	Organic	Pyrene	n/a	=	80	%	EPA 8270Cm	-88	-88	52	115	
2011/12-4	Lab	method blank	6/5/2012	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	Lab	LCS	6/6/2012	Organic	Pyrene	n/a	=	3.81	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	Lab	LCS, rec	6/6/2012	Organic	Pyrene	n/a	=	76	%	EPA 8270Cm	-88	-88	52	115	
2011/12-4	Lab	method blank	6/6/2012	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	MO-FIL	matrix spike	6/6/2012	Organic	Pyrene	n/a	=	4.49	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	MO-FIL	matrix spike dup	6/6/2012	Organic	Pyrene	n/a	=	4.74	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	MO-FIL	matrix spike dup, rec	6/6/2012	Organic	Pyrene	n/a	=	95	%	EPA 8270Cm	-88	-88	52	115	
2011/12-4	MO-FIL	matrix spike, rec	6/6/2012	Organic	Pyrene	n/a	=	90	%	EPA 8270Cm	-88	-88	52	115	
2011/12-4	MO-FIL	matrix spike, RPD	6/6/2012	Organic	Pyrene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-OJA	matrix spike	5/11/2012	Organic	Pyrene	n/a	=	8.7	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	MO-OJA	matrix spike dup	5/11/2012	Organic	Pyrene	n/a	=	7.93	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	MO-OJA	matrix spike dup, rec	5/11/2012	Organic	Pyrene	n/a	=	79	%	EPA 8270Cm	-88	-88	52	115	
2011/12-4	MO-OJA	matrix spike, rec	5/11/2012	Organic	Pyrene	n/a	=	87	%	EPA 8270Cm	-88	-88	52	115	
2011/12-4	MO-OJA	matrix spike, RPD	5/11/2012	Organic	Pyrene	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	MO-SIM	matrix spike	6/5/2012	Organic	Pyrene	n/a	=	10.2	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	MO-SIM	matrix spike dup	6/5/2012	Organic	Pyrene	n/a	=	7.64	µg/L	EPA 8270Cm	0.21	0.5			
2011/12-4	MO-SIM	matrix spike dup, rec	6/5/2012	Organic	Pyrene	n/a	=	76	%	EPA 8270Cm	-88	-88	52	115	
2011/12-4	MO-SIM	matrix spike, rec	6/5/2012	Organic	Pyrene	n/a	=	102	%	EPA 8270Cm	-88	-88	52	115	
2011/12-4	MO-SIM	matrix spike, RPD	6/5/2012	Organic	Pyrene	n/a	=	29	%	EPA 8270Cm	-88	-88	0	30	
2011/12-4	Lab	srgt LCS	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0539	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608	-88	-88	26	131	
2011/12-4	Lab	srgt matrix spike	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0586	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0566	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt matrix spike dup, rec	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	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	
2011/12-4	Lab	srgt matrix spike, rec	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608	-88	-88	26	131	
2011/12-4	Lab	srgt method blank	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0587	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608	-88	-88	26	131	
2011/12-4	Lab	srgt LCS	5/10/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0652	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/10/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608	-88	-88	26	131	
2011/12-4	Lab	srgt method blank	5/10/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0699	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/10/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	26	131	
2011/12-4	Lab	srgt LCS	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0517	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	26	131	
2011/12-4	Lab	srgt method blank	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0459	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608	-88	-88	26	131	
2011/12-4	Lab	srgt LCS	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0682	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608	-88	-88	26	131	
2011/12-4	Lab	srgt method blank	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0496	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 608	-88	-88	26	131	
2011/12-4	ME-CC	srgt environ	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0553	µg/L	EPA 608	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608	-88	-88	26	131	
2011/12-4	ME-CC	srgt matrix spike	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0203	µg/L	EPA 608	-88	-88			
2011/12-4	ME-CC	srgt matrix spike dup	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0183	µg/L	EPA 608	-88	-88			
2011/12-4	ME-CC	srgt matrix spike dup, rec	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	37	%	EPA 608	-88	-88	26	131	
2011/12-4	ME-CC	srgt matrix spike, rec	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	41	%	EPA 608	-88	-88	26	131	
2011/12-4	ME-SCR	srgt environ	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0613	µg/L	EPA 608	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	26	131	
2011/12-4	ME-SCR	srgt matrix spike	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0677	µg/L	EPA 608	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0558	µg/L	EPA 608	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup, rec	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608	-88	-88	26	131	
2011/12-4	ME-SCR	srgt matrix spike, rec	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608	-88	-88	26	131	
2011/12-4	ME-VR2	srgt environ	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0663	µg/L	EPA 608	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608	-88	-88	26	131	
2011/12-4	MO-CAM	srgt environ	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0355	µg/L	EPA 608	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	36	%	EPA 608	-88	-88	26	131	
2011/12-4	MO-FIL	srgt environ	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0396	µg/L	EPA 608	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	40	%	EPA 608	-88	-88	26	131	
2011/12-4	MO-HUE	srgt environ	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0656	µg/L	EPA 608	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608	-88	-88	26	131	
2011/12-4	MO-MEI	srgt environ	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0089	µg/L	EPA 608	-88	-88			GN
2011/12-4	MO-MEI	srgt environ, rec	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	9	%	EPA 608	-88	-88	26	131	GN
2011/12-4	MO-OJA	srgt environ	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0744	µg/L	EPA 608	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/5/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	26	131	
2011/12-4	MO-OXN	srgt environ	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0337	µg/L	EPA 608	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	34	%	EPA 608	-88	-88	26	131	
2011/12-4	MO-SIM	srgt environ	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0794	µg/L	EPA 608	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	26	131	
2011/12-4	MO-THO	srgt environ	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0615	µg/L	EPA 608	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/8/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	26	131	
2011/12-4	MO-VEN	srgt environ	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0342	µg/L	EPA 608	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/30/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	34	%	EPA 608	-88	-88	26	131	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	srgt LCS	5/2/2012	Organic	Triphenylphosphate	n/a	=	5.68	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/2/2012	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt method blank	5/2/2012	Organic	Triphenylphosphate	n/a	=	5.8	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/2/2012	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt LCS	5/3/2012	Organic	Triphenylphosphate	n/a	=	0.558	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/3/2012	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt method blank	5/3/2012	Organic	Triphenylphosphate	n/a	=	0.571	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/3/2012	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt LCS	5/15/2012	Organic	Triphenylphosphate	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS dup	5/15/2012	Organic	Triphenylphosphate	n/a	=	5.3	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS dup, rec	5/15/2012	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt LCS, rec	5/15/2012	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt method blank	5/15/2012	Organic	Triphenylphosphate	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/15/2012	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt LCS	6/1/2012	Organic	Triphenylphosphate	n/a	=	5.12	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/1/2012	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt method blank	6/1/2012	Organic	Triphenylphosphate	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/1/2012	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt LCS	6/2/2012	Organic	Triphenylphosphate	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt matrix spike	6/2/2012	Organic	Triphenylphosphate	n/a	=	5.14	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike	6/2/2012	Organic	Triphenylphosphate	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	6/2/2012	Organic	Triphenylphosphate	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	6/2/2012	Organic	Triphenylphosphate	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt matrix spike dup, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt matrix spike, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt matrix spike, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt method blank	6/2/2012	Organic	Triphenylphosphate	n/a	=	4.55	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	91	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt LCS	6/6/2012	Organic	Triphenylphosphate	n/a	=	0.638	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/6/2012	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt matrix spike	6/6/2012	Organic	Triphenylphosphate	n/a	=	0.475	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	6/6/2012	Organic	Triphenylphosphate	n/a	=	0.549	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup, rec	6/6/2012	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt matrix spike, rec	6/6/2012	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt method blank	6/6/2012	Organic	Triphenylphosphate	n/a	=	0.505	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/6/2012	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt LCS	6/8/2012	Organic	Triphenylphosphate	n/a	=	0.707	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/8/2012	Organic	Triphenylphosphate	n/a	=	141	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt matrix spike	6/8/2012	Organic	Triphenylphosphate	n/a	=	0.805	µg/L	EPA 525.2	-88	-88			GN
2011/12-4	Lab	srgt matrix spike dup	6/8/2012	Organic	Triphenylphosphate	n/a	=	0.661	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt matrix spike dup, rec	6/8/2012	Organic	Triphenylphosphate	n/a	=	132	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt matrix spike, rec	6/8/2012	Organic	Triphenylphosphate	n/a	=	161	%	EPA 525.2	-88	-88	71	150	GN
2011/12-4	Lab	srgt method blank	6/8/2012	Organic	Triphenylphosphate	n/a	=	0.726	µg/L	EPA 525.2	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/8/2012	Organic	Triphenylphosphate	n/a	=	145	%	EPA 525.2	-88	-88	71	150	
2011/12-4	ME-CC	srgt environ	6/2/2012	Organic	Triphenylphosphate	n/a	=	5.72	µg/L	EPA 525.2	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-CC	srgt environ, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	
2011/12-4	ME-CC	srgt environ	6/8/2012	Organic	Triphenylphosphate	n/a	=	0.71	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/8/2012	Organic	Triphenylphosphate	n/a	=	142	%	EPA 525.2	-88	-88	71	150	
2011/12-4	ME-SCR	srgt environ	6/2/2012	Organic	Triphenylphosphate	n/a	=	4.94	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	71	150	
2011/12-4	ME-SCR	srgt environ	6/6/2012	Organic	Triphenylphosphate	n/a	=	0.519	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	6/6/2012	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	71	150	
2011/12-4	ME-VR2	srgt matrix spike	5/2/2012	Organic	Triphenylphosphate	n/a	=	5.85	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup	5/2/2012	Organic	Triphenylphosphate	n/a	=	6.05	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt matrix spike dup, rec	5/2/2012	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	71	150	
2011/12-4	ME-VR2	srgt matrix spike, rec	5/2/2012	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-4	ME-VR2	srgt environ	5/3/2012	Organic	Triphenylphosphate	n/a	=	0.543	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/3/2012	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	71	150	
2011/12-4	ME-VR2	srgt environ	5/15/2012	Organic	Triphenylphosphate	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/15/2012	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-CAM	srgt environ	6/2/2012	Organic	Triphenylphosphate	n/a	=	4.68	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-CAM	srgt environ	6/8/2012	Organic	Triphenylphosphate	n/a	=	0.647	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/8/2012	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-FIL	srgt environ	6/2/2012	Organic	Triphenylphosphate	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-FIL	srgt environ	6/6/2012	Organic	Triphenylphosphate	n/a	=	0.585	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	6/6/2012	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-HUE	srgt environ	6/2/2012	Organic	Triphenylphosphate	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-HUE	srgt environ, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-HUE	srgt environ	6/8/2012	Organic	Triphenylphosphate	n/a	=	0.829	µg/L	EPA 525.2	-88	-88			GN
2011/12-4	MO-HUE	srgt environ, rec	6/8/2012	Organic	Triphenylphosphate	n/a	=	166	%	EPA 525.2	-88	-88	71	150	GN
2011/12-4	MO-MEI	srgt environ	5/2/2012	Organic	Triphenylphosphate	n/a	=	5.86	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/2/2012	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-MEI	srgt environ	5/3/2012	Organic	Triphenylphosphate	n/a	=	0.587	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/3/2012	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-OJA	srgt environ	5/2/2012	Organic	Triphenylphosphate	n/a	=	5.81	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/2/2012	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-OJA	srgt environ	5/3/2012	Organic	Triphenylphosphate	n/a	=	0.456	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/3/2012	Organic	Triphenylphosphate	n/a	=	91	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-OJA	srgt matrix spike	5/3/2012	Organic	Triphenylphosphate	n/a	=	0.779	µg/L	EPA 525.2	-88	-88			GN
2011/12-4	MO-OJA	srgt matrix spike dup	5/3/2012	Organic	Triphenylphosphate	n/a	=	0.508	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OJA	srgt matrix spike dup, rec	5/3/2012	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-OJA	srgt matrix spike, rec	5/3/2012	Organic	Triphenylphosphate	n/a	=	156	%	EPA 525.2	-88	-88	71	150	GN
2011/12-4	MO-OXN	srgt environ	6/2/2012	Organic	Triphenylphosphate	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-OXN	srgt environ	6/6/2012	Organic	Triphenylphosphate	n/a	=	1.84	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	6/6/2012	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-SIM	srgt environ	6/2/2012	Organic	Triphenylphosphate	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-SIM	srgt environ	6/8/2012	Organic	Triphenylphosphate	n/a	=	0.66	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/8/2012	Organic	Triphenylphosphate	n/a	=	132	%	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	
2011/12-4	MO-THO	srgt environ	6/2/2012	Organic	Triphenylphosphate	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-THO	srgt environ	6/8/2012	Organic	Triphenylphosphate	n/a	=	0.684	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/8/2012	Organic	Triphenylphosphate	n/a	=	137	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-VEN	srgt environ	6/2/2012	Organic	Triphenylphosphate	n/a	=	3.79	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	6/2/2012	Organic	Triphenylphosphate	n/a	=	76	%	EPA 525.2	-88	-88	71	150	
2011/12-4	MO-VEN	srgt environ	6/6/2012	Organic	Triphenylphosphate	n/a	=	0.651	µg/L	EPA 525.2	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	6/6/2012	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	71	150	
2011/12-4	Lab	srgt LCS	5/5/2012	PCB	PCB 209	n/a	=	0.0606	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/5/2012	PCB	PCB 209	n/a	=	61	%	EPA 608	-88	-88	0.1	154	
2011/12-4	Lab	srgt matrix spike	5/5/2012	PCB	PCB 209	n/a	=	0.0414	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt matrix spike dup	5/5/2012	PCB	PCB 209	n/a	=	0.0411	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt matrix spike dup, rec	5/5/2012	PCB	PCB 209	n/a	=	41	%	EPA 608	-88	-88	0.1	154	
2011/12-4	Lab	srgt matrix spike, rec	5/5/2012	PCB	PCB 209	n/a	=	41	%	EPA 608	-88	-88	0.1	154	
2011/12-4	Lab	srgt method blank	5/5/2012	PCB	PCB 209	n/a	=	0.0596	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/5/2012	PCB	PCB 209	n/a	=	60	%	EPA 608	-88	-88	0.1	154	
2011/12-4	Lab	srgt LCS	5/10/2012	PCB	PCB 209	n/a	=	0.0826	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/10/2012	PCB	PCB 209	n/a	=	83	%	EPA 608	-88	-88	0.1	154	
2011/12-4	Lab	srgt method blank	5/10/2012	PCB	PCB 209	n/a	=	0.0741	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/10/2012	PCB	PCB 209	n/a	=	74	%	EPA 608	-88	-88	0.1	154	
2011/12-4	Lab	srgt LCS	5/30/2012	PCB	PCB 209	n/a	=	0.078	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt LCS, rec	5/30/2012	PCB	PCB 209	n/a	=	78	%	EPA 608	-88	-88	0.1	154	
2011/12-4	Lab	srgt method blank	5/30/2012	PCB	PCB 209	n/a	=	0.0794	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt method blank, rec	5/30/2012	PCB	PCB 209	n/a	=	79	%	EPA 608	-88	-88	0.1	154	
2011/12-4	Lab	srgt LCS	6/8/2012	PCB	PCB 209	n/a	=	0.0776	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt LCS, rec	6/8/2012	PCB	PCB 209	n/a	=	78	%	EPA 608	-88	-88	0.1	154	
2011/12-4	Lab	srgt method blank	6/8/2012	PCB	PCB 209	n/a	=	0.077	µg/L	EPA 608	-88	-88			
2011/12-4	Lab	srgt method blank, rec	6/8/2012	PCB	PCB 209	n/a	=	77	%	EPA 608	-88	-88	0.1	154	
2011/12-4	ME-CC	srgt environ	6/8/2012	PCB	PCB 209	n/a	=	0.0449	µg/L	EPA 608	-88	-88			
2011/12-4	ME-CC	srgt environ, rec	6/8/2012	PCB	PCB 209	n/a	=	50	%	EPA 608	-88	-88	0.1	154	
2011/12-4	ME-CC	srgt matrix spike	6/8/2012	PCB	PCB 209	n/a	=	0.0274	µg/L	EPA 608	-88	-88			
2011/12-4	ME-CC	srgt matrix spike dup	6/8/2012	PCB	PCB 209	n/a	=	0.0291	µg/L	EPA 608	-88	-88			
2011/12-4	ME-CC	srgt matrix spike dup, rec	6/8/2012	PCB	PCB 209	n/a	=	58	%	EPA 608	-88	-88	0.1	154	
2011/12-4	ME-CC	srgt matrix spike, rec	6/8/2012	PCB	PCB 209	n/a	=	55	%	EPA 608	-88	-88	0.1	154	
2011/12-4	ME-SCR	srgt environ	5/30/2012	PCB	PCB 209	n/a	=	0.0579	µg/L	EPA 608	-88	-88			
2011/12-4	ME-SCR	srgt environ, rec	5/30/2012	PCB	PCB 209	n/a	=	58	%	EPA 608	-88	-88	0.1	154	
2011/12-4	ME-SCR	srgt matrix spike	5/30/2012	PCB	PCB 209	n/a	=	0.0661	µg/L	EPA 608	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup	5/30/2012	PCB	PCB 209	n/a	=	0.0648	µg/L	EPA 608	-88	-88			
2011/12-4	ME-SCR	srgt matrix spike dup, rec	5/30/2012	PCB	PCB 209	n/a	=	65	%	EPA 608	-88	-88	0.1	154	
2011/12-4	ME-SCR	srgt matrix spike, rec	5/30/2012	PCB	PCB 209	n/a	=	66	%	EPA 608	-88	-88	0.1	154	
2011/12-4	ME-VR2	srgt environ	5/5/2012	PCB	PCB 209	n/a	=	0.0866	µg/L	EPA 608	-88	-88			
2011/12-4	ME-VR2	srgt environ, rec	5/5/2012	PCB	PCB 209	n/a	=	87	%	EPA 608	-88	-88	0.1	154	
2011/12-4	MO-CAM	srgt environ	6/8/2012	PCB	PCB 209	n/a	=	0.0386	µg/L	EPA 608	-88	-88			
2011/12-4	MO-CAM	srgt environ, rec	6/8/2012	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	154	
2011/12-4	MO-FIL	srgt environ	5/30/2012	PCB	PCB 209	n/a	=	0.0556	µg/L	EPA 608	-88	-88			
2011/12-4	MO-FIL	srgt environ, rec	5/30/2012	PCB	PCB 209	n/a	=	56	%	EPA 608	-88	-88	0.1	154	
2011/12-4	MO-HUE	srgt environ	6/8/2012	PCB	PCB 209	n/a	=	0.0388	µg/L	EPA 608	-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	
2011/12-4	MO-HUE	srgt environ, rec	6/8/2012	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	154	
2011/12-4	MO-MEI	srgt environ	5/5/2012	PCB	PCB 209	n/a	=	0.0531	µg/L	EPA 608	-88	-88			
2011/12-4	MO-MEI	srgt environ, rec	5/5/2012	PCB	PCB 209	n/a	=	53	%	EPA 608	-88	-88	0.1	154	
2011/12-4	MO-OJA	srgt environ	5/5/2012	PCB	PCB 209	n/a	=	0.0751	µg/L	EPA 608	-88	-88			
2011/12-4	MO-OJA	srgt environ, rec	5/5/2012	PCB	PCB 209	n/a	=	75	%	EPA 608	-88	-88	0.1	154	
2011/12-4	MO-OXN	srgt environ	5/30/2012	PCB	PCB 209	n/a	=	0.0423	µg/L	EPA 608	-88	-88			
2011/12-4	MO-OXN	srgt environ, rec	5/30/2012	PCB	PCB 209	n/a	=	42	%	EPA 608	-88	-88	0.1	154	
2011/12-4	MO-SIM	srgt environ	6/8/2012	PCB	PCB 209	n/a	=	0.0624	µg/L	EPA 608	-88	-88			
2011/12-4	MO-SIM	srgt environ, rec	6/8/2012	PCB	PCB 209	n/a	=	62	%	EPA 608	-88	-88	0.1	154	
2011/12-4	MO-THO	srgt environ	6/8/2012	PCB	PCB 209	n/a	=	0.0598	µg/L	EPA 608	-88	-88			
2011/12-4	MO-THO	srgt environ, rec	6/8/2012	PCB	PCB 209	n/a	=	60	%	EPA 608	-88	-88	0.1	154	
2011/12-4	MO-VEN	srgt environ	5/30/2012	PCB	PCB 209	n/a	=	0.0324	µg/L	EPA 608	-88	-88			
2011/12-4	MO-VEN	srgt environ, rec	5/30/2012	PCB	PCB 209	n/a	=	32	%	EPA 608	-88	-88	0.1	154	
2011/12-4	Lab	method blank	5/5/2012	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2011/12-4	Lab	method blank	5/10/2012	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2011/12-4	Lab	method blank	5/30/2012	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2011/12-4	Lab	method blank	6/8/2012	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2011/12-4	Lab	method blank	5/5/2012	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-4	Lab	method blank	5/10/2012	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-4	Lab	method blank	5/30/2012	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-4	Lab	method blank	6/8/2012	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-4	Lab	method blank	5/5/2012	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2011/12-4	Lab	method blank	5/10/2012	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2011/12-4	Lab	method blank	5/30/2012	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2011/12-4	Lab	method blank	6/8/2012	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2011/12-4	Lab	method blank	5/5/2012	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2011/12-4	Lab	method blank	5/10/2012	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2011/12-4	Lab	method blank	5/30/2012	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2011/12-4	Lab	method blank	6/8/2012	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2011/12-4	Lab	method blank	5/5/2012	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-4	Lab	method blank	5/10/2012	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-4	Lab	method blank	5/30/2012	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-4	Lab	method blank	6/8/2012	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2011/12-4	Lab	method blank	5/5/2012	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-4	Lab	method blank	5/10/2012	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-4	Lab	method blank	5/30/2012	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-4	Lab	method blank	6/8/2012	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-4	Lab	method blank	5/5/2012	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-4	Lab	method blank	5/10/2012	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-4	Lab	method blank	5/30/2012	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-4	Lab	method blank	6/8/2012	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2011/12-4	Lab	LCS	4/28/2012	Pesticide	2,4,5-T	n/a	=	3.04	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	2,4,5-T	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	2,4,5-T	n/a	=	3.36	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	2,4,5-T	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	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	
2011/12-4	Lab	LCS	6/5/2012	Pesticide	2,4,5-T	n/a	=	3.39	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	2,4,5-T	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	2,4,5-T	n/a	=	3.26	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	2,4,5-T	n/a	=	3.28	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	2,4,5-T	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	2,4,5-T	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	2,4,5-T	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	2,4,5-T	n/a	=	3.46	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	2,4,5-T	n/a	=	3.54	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	2,4,5-T	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	2,4,5-T	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	2,4,5-T	n/a	=	3.24	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	2,4,5-T	n/a	=	2.88	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	2,4,5-T	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	2,4,5-T	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	2,4,5-T	n/a	=	12	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	2,4,5-T	n/a	=	3.55	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	2,4,5-T	n/a	=	3.07	µg/L	EPA 515.3	0.07	0.2			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	2,4,5-T	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	2,4,5-T	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	2,4,5-T	n/a	=	14	%	EPA 515.3	-88	-88	0	30	
2011/12-4	Lab	LCS	4/28/2012	Pesticide	2,4,5-TP	n/a	=	2.89	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	2,4,5-TP	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	2,4,5-TP	n/a	=	3.38	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	2,4,5-TP	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	2,4,5-TP	n/a	=	3.28	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	2,4,5-TP	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	2,4,5-TP	n/a	=	3.26	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	2,4,5-TP	n/a	=	3.3	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	2,4,5-TP	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	2,4,5-TP	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	2,4,5-TP	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	2,4,5-TP	n/a	=	3.46	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	2,4,5-TP	n/a	=	3.55	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	2,4,5-TP	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	2,4,5-TP	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	2,4,5-TP	n/a	=	2.94	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	2,4,5-TP	n/a	=	2.91	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	2,4,5-TP	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	2,4,5-TP	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	2,4,5-TP	n/a	=	1	%	EPA 515.3	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	2,4,5-TP	n/a	=	3.18	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	2,4,5-TP	n/a	=	2.95	µg/L	EPA 515.3	0.09	0.2			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	2,4,5-TP	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	2,4,5-TP	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	2,4,5-TP	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2011/12-4	Lab	LCS	4/28/2012	Pesticide	2,4-D	n/a	=	6.49	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	2,4-D	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	2,4-D	n/a	=	7.23	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	2,4-D	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	2,4-D	n/a	=	7.23	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	2,4-D	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	2,4-D	n/a	=	7.13	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	2,4-D	n/a	=	7.18	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	2,4-D	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	2,4-D	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	2,4-D	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	2,4-D	n/a	=	7.42	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	2,4-D	n/a	=	7.5	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	2,4-D	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	2,4-D	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	2,4-D	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	2,4-D	n/a	=	6.7	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	2,4-D	n/a	=	6.56	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	2,4-D	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	2,4-D	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	2,4-D	n/a	=	7.76	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	2,4-D	n/a	=	8.14	µg/L	EPA 515.3	0.07	0.4			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	2,4-D	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	2,4-D	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	2,4-D	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	Lab	LCS	4/28/2012	Pesticide	2,4-DB	n/a	=	13.2	µg/L	EPA 515.3	0.07	2			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	2,4-DB	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	2,4-DB	n/a	=	14.3	µg/L	EPA 515.3	0.07	2			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	2,4-DB	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	2,4-DB	n/a	=	13.5	µg/L	EPA 515.3	0.07	2			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	2,4-DB	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	2,4-DB	n/a	=	14.2	µg/L	EPA 515.3	0.07	2			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	2,4-DB	n/a	=	13.9	µg/L	EPA 515.3	0.07	2			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	2,4-DB	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	2,4-DB	n/a	=	89	%	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	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	2,4-DB	n/a	=	15.7	µg/L	EPA 515.3	0.07	2			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	2,4-DB	n/a	=	15.5	µg/L	EPA 515.3	0.07	2			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	2,4-DB	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	2,4-DB	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	2,4-DB	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	2,4-DB	n/a	=	13	µg/L	EPA 515.3	0.07	2			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	2,4-DB	n/a	=	13.1	µg/L	EPA 515.3	0.07	2			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	2,4-DB	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	2,4-DB	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	2,4-DB	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	2,4-DB	n/a	=	10.7	µg/L	EPA 515.3	0.07	2			GB
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	2,4-DB	n/a	=	10.1	µg/L	EPA 515.3	0.07	2			GB
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	2,4-DB	n/a	=	63	%	EPA 515.3	-88	-88	70	130	GB
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	2,4-DB	n/a	=	67	%	EPA 515.3	-88	-88	70	130	GB
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	2,4-DB	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2011/12-4	Lab	LCS	4/28/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.07	µg/L	EPA 515.3	0.09	1			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.66	µg/L	EPA 515.3	0.09	1			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.55	µg/L	EPA 515.3	0.09	1			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.31	µg/L	EPA 515.3	0.09	1			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.42	µg/L	EPA 515.3	0.09	1			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.67	µg/L	EPA 515.3	0.09	1			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.92	µg/L	EPA 515.3	0.09	1			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.3	µg/L	EPA 515.3	0.09	1			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.19	µg/L	EPA 515.3	0.09	1			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.23	µg/L	EPA 515.3	0.09	1			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.87	µg/L	EPA 515.3	0.09	1			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	4,4'-DDD	n/a	=	0.0765	µg/L	EPA 608	0.003	0.05			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	4,4'-DDD	n/a	=	0.077	µg/L	EPA 608	0.003	0.05			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	4,4'-DDD	n/a	=	77	%	EPA 608	-88	-88	31	141	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	4,4'-DDD	n/a	=	76	%	EPA 608	-88	-88	31	141	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	4,4'-DDD	n/a	=	0.6	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	4,4'-DDD	n/a	=	0.0812	µg/L	EPA 608	0.003	0.05			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	4,4'-DDD	n/a	=	81	%	EPA 608	-88	-88	30	141	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	4,4'-DDD	n/a	=	0.0862	µg/L	EPA 608	0.003	0.05			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	4,4'-DDD	n/a	=	86	%	EPA 608	-88	-88	30	141	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	4,4'-DDD	n/a	=	0.0571	µg/L	EPA 608	0.003	0.05			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	4,4'-DDD	n/a	=	57	%	EPA 608	-88	-88	30	141	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	4,4'-DDD	n/a	=	0.0668	µg/L	EPA 608	0.003	0.05			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	4,4'-DDD	n/a	=	67	%	EPA 608	-88	-88	30	141	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	4,4'-DDD	n/a	=	0.0208	µg/L	EPA 608	-88	-88			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	4,4'-DDD	n/a	=	0.0188	µg/L	EPA 608	-88	-88			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	4,4'-DDD	n/a	=	38	%	EPA 608	-88	-88	31	141	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	4,4'-DDD	n/a	=	42	%	EPA 608	-88	-88	31	141	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	4,4'-DDD	n/a	=	11	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	4,4'-DDD	n/a	=	0.0466	µg/L	EPA 608	-88	-88			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	4,4'-DDD	n/a	=	0.0464	µg/L	EPA 608	-88	-88			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	4,4'-DDD	n/a	=	46	%	EPA 608	-88	-88	31	141	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	4,4'-DDD	n/a	=	47	%	EPA 608	-88	-88	31	141	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	4,4'-DDD	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	4,4'-DDE	n/a	=	0.0601	µg/L	EPA 608	0.0025	0.05			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	4,4'-DDE	n/a	=	0.0612	µg/L	EPA 608	0.0025	0.05			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	4,4'-DDE	n/a	=	61	%	EPA 608	-88	-88	30	145	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	4,4'-DDE	n/a	=	60	%	EPA 608	-88	-88	30	145	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	4,4'-DDE	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	4,4'-DDE	n/a	=	0.0622	µg/L	EPA 608	0.0025	0.05			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	4,4'-DDE	n/a	=	62	%	EPA 608	-88	-88	30	145	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	4,4'-DDE	n/a	=	0.0757	µg/L	EPA 608	0.0025	0.05			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	4,4'-DDE	n/a	=	76	%	EPA 608	-88	-88	30	145	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	4,4'-DDE	n/a	=	0.0506	µg/L	EPA 608	0.0025	0.05			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	4,4'-DDE	n/a	=	51	%	EPA 608	-88	-88	30	145	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	4,4'-DDE	n/a	=	0.057	µg/L	EPA 608	0.0025	0.05			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	4,4'-DDE	n/a	=	57	%	EPA 608	-88	-88	30	145	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	4,4'-DDE	n/a	=	0.0227	µg/L	EPA 608	-88	-88			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	4,4'-DDE	n/a	=	0.0232	µg/L	EPA 608	-88	-88			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	4,4'-DDE	n/a	=	46	%	EPA 608	-88	-88	30	145	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	4,4'-DDE	n/a	=	45	%	EPA 608	-88	-88	30	145	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	4,4'-DDE	n/a	=	2	%	EPA 608	-88	-88	0	30	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	4,4'-DDE	n/a	=	0.048	µg/L	EPA 608	-88	-88			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	4,4'-DDE	n/a	=	0.0487	µg/L	EPA 608	-88	-88			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	4,4'-DDE	n/a	=	49	%	EPA 608	-88	-88	30	145	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	4,4'-DDE	n/a	=	48	%	EPA 608	-88	-88	30	145	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	4,4'-DDE	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	4,4'-DDT	n/a	=	0.0512	µg/L	EPA 608	0.0031	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	4,4'-DDT	n/a	=	0.0534	µg/L	EPA 608	0.0031	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	4,4'-DDT	n/a	=	53	%	EPA 608	-88	-88	25	160	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	4,4'-DDT	n/a	=	51	%	EPA 608	-88	-88	25	160	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	4,4'-DDT	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	4,4'-DDT	n/a	=	0.0395	µg/L	EPA 608	0.0031	0.01			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	4,4'-DDT	n/a	=	40	%	EPA 608	-88	-88	25	160	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	4,4'-DDT	n/a	=	0.0848	µg/L	EPA 608	0.0031	0.01			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	4,4'-DDT	n/a	=	85	%	EPA 608	-88	-88	25	160	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	4,4'-DDT	n/a	=	0.0695	µg/L	EPA 608	0.0031	0.01			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	4,4'-DDT	n/a	=	69	%	EPA 608	-88	-88	25	160	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	4,4'-DDT	n/a	=	0.075	µg/L	EPA 608	0.0031	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	4,4'-DDT	n/a	=	75	%	EPA 608	-88	-88	25	160	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	4,4'-DDT	n/a	=	0.0269	µg/L	EPA 608	0.0016	0.005			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	4,4'-DDT	n/a	=	0.0243	µg/L	EPA 608	0.0016	0.005			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	4,4'-DDT	n/a	=	49	%	EPA 608	-88	-88	25	160	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	4,4'-DDT	n/a	=	54	%	EPA 608	-88	-88	25	160	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	4,4'-DDT	n/a	=	10	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	4,4'-DDT	n/a	=	0.0601	µg/L	EPA 608	0.0031	0.01			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	4,4'-DDT	n/a	=	0.0604	µg/L	EPA 608	0.0031	0.01			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	4,4'-DDT	n/a	=	60	%	EPA 608	-88	-88	25	160	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	4,4'-DDT	n/a	=	60	%	EPA 608	-88	-88	25	160	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	4,4'-DDT	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	4/28/2012	Pesticide	Acifluorfen	n/a	=	3.48	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	Acifluorfen	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	Acifluorfen	n/a	=	2.93	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	Acifluorfen	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	Acifluorfen	n/a	=	2.92	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	Acifluorfen	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	Acifluorfen	n/a	=	2.95	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	Acifluorfen	n/a	=	2.95	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	Acifluorfen	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	Acifluorfen	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	Acifluorfen	n/a	=	0.07	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	Acifluorfen	n/a	=	3.07	µg/L	EPA 515.3	0.06	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	
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	Acifluorfen	n/a	=	3.22	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	Acifluorfen	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	Acifluorfen	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	Acifluorfen	n/a	=	3.38	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	Acifluorfen	n/a	=	3.64	µg/L	EPA 515.3	0.06	0.4			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	Acifluorfen	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	Acifluorfen	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	Acifluorfen	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	Acifluorfen	n/a	=	2.7	µg/L	EPA 515.3	0.06	0.4			GB
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	Acifluorfen	n/a	=	2.7	µg/L	EPA 515.3	0.06	0.4			GB
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	Acifluorfen	n/a	=	68	%	EPA 515.3	-88	-88	70	130	GB
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	Acifluorfen	n/a	=	67	%	EPA 515.3	-88	-88	70	130	GB
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	Acifluorfen	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Alachlor	n/a	=	3.71	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Alachlor	n/a	=	4.1	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Alachlor	n/a	=	4.38	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Alachlor	n/a	=	4.24	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Alachlor	n/a	=	88	%	EPA 525.2	-88	-88	58	177	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Alachlor	n/a	=	85	%	EPA 525.2	-88	-88	58	177	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Alachlor	n/a	=	82	%	EPA 525.2	-88	-88	58	177	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Alachlor	n/a	=	74	%	EPA 525.2	-88	-88	58	177	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Alachlor	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Alachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Alachlor	n/a	=	3.84	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Alachlor	n/a	=	77	%	EPA 525.2	-88	-88	58	164	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Alachlor	n/a	=	4.16	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Alachlor	n/a	=	4.27	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Alachlor	n/a	=	85	%	EPA 525.2	-88	-88	58	164	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Alachlor	n/a	=	83	%	EPA 525.2	-88	-88	58	164	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Alachlor	n/a	=	4.07	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Alachlor	n/a	=	81	%	EPA 525.2	-88	-88	58	164	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Alachlor	n/a	=	4.24	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Alachlor	n/a	=	85	%	EPA 525.2	-88	-88	58	164	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Alachlor	n/a	=	4.23	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Alachlor	n/a	=	3.66	µg/L	EPA 525.2	0.022	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Alachlor	n/a	=	73	%	EPA 525.2	-88	-88	58	177	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Alachlor	n/a	=	85	%	EPA 525.2	-88	-88	58	177	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Alachlor	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	Aldrin	n/a	=	0.0669	µg/L	EPA 608	0.0015	0.005			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	Aldrin	n/a	=	0.0667	µg/L	EPA 608	0.0015	0.005			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	Aldrin	n/a	=	67	%	EPA 608	-88	-88	42	122	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	Aldrin	n/a	=	67	%	EPA 608	-88	-88	42	122	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	Aldrin	n/a	=	0.2	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	Aldrin	n/a	=	0.0518	µg/L	EPA 608	0.0015	0.005			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	Aldrin	n/a	=	52	%	EPA 608	-88	-88	42	122	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	Aldrin	n/a	=	0.0647	µg/L	EPA 608	0.0015	0.005			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	Aldrin	n/a	=	65	%	EPA 608	-88	-88	42	122	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	Aldrin	n/a	=	0.0425	µg/L	EPA 608	0.0015	0.005			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	Aldrin	n/a	=	42	%	EPA 608	-88	-88	42	122	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Aldrin	n/a	=	0.0457	µg/L	EPA 608	0.0015	0.005			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Aldrin	n/a	=	46	%	EPA 608	-88	-88	42	122	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	Aldrin	n/a	=	0.0201	µg/L	EPA 608	0.0008	0.0025			GB
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	Aldrin	n/a	=	0.0148	µg/L	EPA 608	0.0008	0.0025			GB
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	Aldrin	n/a	=	30	%	EPA 608	-88	-88	42	122	GB
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	Aldrin	n/a	=	40	%	EPA 608	-88	-88	42	122	GB
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	Aldrin	n/a	=	31	%	EPA 608	-88	-88	0	30	IL
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	Aldrin	n/a	=	0.0492	µg/L	EPA 608	0.0015	0.005			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	Aldrin	n/a	=	0.0497	µg/L	EPA 608	0.0015	0.005			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	Aldrin	n/a	=	50	%	EPA 608	-88	-88	42	122	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	Aldrin	n/a	=	49	%	EPA 608	-88	-88	42	122	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	Aldrin	n/a	=	1	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	alpha-BHC	n/a	=	0.074	µg/L	EPA 608	0.0018	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	alpha-BHC	n/a	=	0.0717	µg/L	EPA 608	0.0018	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	alpha-BHC	n/a	=	72	%	EPA 608	-88	-88	37	134	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	alpha-BHC	n/a	=	74	%	EPA 608	-88	-88	37	134	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	alpha-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	alpha-BHC	n/a	=	0.0706	µg/L	EPA 608	0.0018	0.01			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	alpha-BHC	n/a	=	71	%	EPA 608	-88	-88	37	134	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	alpha-BHC	n/a	=	0.0871	µg/L	EPA 608	0.0018	0.01			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	alpha-BHC	n/a	=	87	%	EPA 608	-88	-88	37	134	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	alpha-BHC	n/a	=	0.0614	µg/L	EPA 608	0.0018	0.01			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	alpha-BHC	n/a	=	61	%	EPA 608	-88	-88	37	134	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	alpha-BHC	n/a	=	0.0843	µg/L	EPA 608	0.0018	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	alpha-BHC	n/a	=	84	%	EPA 608	-88	-88	37	134	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	alpha-BHC	n/a	=	0.0313	µg/L	EPA 608	0.0009	0.005			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	alpha-BHC	n/a	=	0.0298	µg/L	EPA 608	0.0009	0.005			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	alpha-BHC	n/a	=	60	%	EPA 608	-88	-88	37	134	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	alpha-BHC	n/a	=	63	%	EPA 608	-88	-88	37	134	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	alpha-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	alpha-BHC	n/a	=	0.0651	µg/L	EPA 608	0.0018	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	
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	alpha-BHC	n/a	=	0.0673	µg/L	EPA 608	0.0018	0.01			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	alpha-BHC	n/a	=	67	%	EPA 608	-88	-88	37	134	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	alpha-BHC	n/a	=	65	%	EPA 608	-88	-88	37	134	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	alpha-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2011/12-4	Lab	method blank	5/10/2012	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2011/12-4	Lab	method blank	5/30/2012	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2011/12-4	Lab	method blank	6/8/2012	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Atrazine	n/a	=	4.97	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Atrazine	n/a	=	4.92	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Atrazine	n/a	=	4.72	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Atrazine	n/a	=	5.44	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Atrazine	n/a	=	109	%	EPA 525.2	-88	-88	53	142	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Atrazine	n/a	=	94	%	EPA 525.2	-88	-88	53	142	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Atrazine	n/a	=	99	%	EPA 525.2	-88	-88	53	142	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Atrazine	n/a	=	98	%	EPA 525.2	-88	-88	53	142	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Atrazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Atrazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Atrazine	n/a	=	4.55	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Atrazine	n/a	=	91	%	EPA 525.2	-88	-88	68	133	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Atrazine	n/a	=	5.14	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Atrazine	n/a	=	5.27	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Atrazine	n/a	=	105	%	EPA 525.2	-88	-88	68	133	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Atrazine	n/a	=	103	%	EPA 525.2	-88	-88	68	133	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Atrazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Atrazine	n/a	=	4.6	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Atrazine	n/a	=	92	%	EPA 525.2	-88	-88	68	133	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Atrazine	n/a	=	5.44	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Atrazine	n/a	=	109	%	EPA 525.2	-88	-88	68	133	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Atrazine	n/a	=	5.28	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Atrazine	n/a	=	5.14	µg/L	EPA 525.2	0.034	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Atrazine	n/a	=	103	%	EPA 525.2	-88	-88	53	142	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Atrazine	n/a	=	106	%	EPA 525.2	-88	-88	53	142	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Atrazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Azinphos methyl	n/a	=	0.0005	µg/L	EPA 525.2	-88	-88			GB
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Azinphos methyl	n/a	=	0.0001	µg/L	EPA 525.2	-88	-88			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Azinphos methyl	n/a	=	0.2	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Azinphos methyl	n/a	=	1	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Azinphos methyl	n/a	=	200	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Azinphos methyl	n/a	=	0.0259	µg/L	EPA 525.2	0.0055	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Azinphos methyl	n/a	=	0.023	µg/L	EPA 525.2	0.0055	0.01			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Azinphos methyl	n/a	=	46	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Azinphos methyl	n/a	=	52	%	EPA 525.2	-88	-88	50	150	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Azinphos methyl	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Azinphos methyl	n/a	=	0.028	µg/L	EPA 525.2	0.0055	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Azinphos methyl	n/a	=	56	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Azinphos methyl	n/a	=	0.0098	µg/L	EPA 525.2	-88	-88			EUM
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Azinphos methyl	n/a	=	20	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Azinphos methyl	n/a	=	0.0204	µg/L	EPA 525.2	0.0055	0.01			EUM
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Azinphos methyl	n/a	=	41	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Azinphos methyl	n/a	DNQ	0.0086	µg/L	EPA 525.2	0.0055	0.01			GB
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Azinphos methyl	n/a	DNQ	0.0057	µg/L	EPA 525.2	0.0055	0.01			GB
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Azinphos methyl	n/a	=	11	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Azinphos methyl	n/a	=	17	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Azinphos methyl	n/a	=	39	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	Lab	LCS	4/28/2012	Pesticide	Bentazon	n/a	=	12.2	µg/L	EPA 515.3	0.11	2			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	Bentazon	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	Bentazon	n/a	=	14.2	µg/L	EPA 515.3	0.11	2			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	Bentazon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	Bentazon	n/a	=	14.1	µg/L	EPA 515.3	0.11	2			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	Bentazon	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	Bentazon	n/a	=	14.4	µg/L	EPA 515.3	0.11	2			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	Bentazon	n/a	=	14.5	µg/L	EPA 515.3	0.11	2			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	Bentazon	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	Bentazon	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	Bentazon	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	Bentazon	n/a	=	14.8	µg/L	EPA 515.3	0.11	2			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	Bentazon	n/a	=	15	µg/L	EPA 515.3	0.11	2			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	Bentazon	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	Bentazon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	Bentazon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	Bentazon	n/a	=	12.2	µg/L	EPA 515.3	0.11	2			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	Bentazon	n/a	=	12.3	µg/L	EPA 515.3	0.11	2			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	Bentazon	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	Bentazon	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	Bentazon	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	Bentazon	n/a	=	15.5	µg/L	EPA 515.3	0.11	2			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	Bentazon	n/a	=	14.8	µg/L	EPA 515.3	0.11	2			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	Bentazon	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	Bentazon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	Bentazon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	beta-BHC	n/a	=	0.0747	µg/L	EPA 608	0.0031	0.005			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	beta-BHC	n/a	=	0.0747	µg/L	EPA 608	0.0031	0.005			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	beta-BHC	n/a	=	75	%	EPA 608	-88	-88	17	147	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	beta-BHC	n/a	=	75	%	EPA 608	-88	-88	17	147	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	beta-BHC	n/a	=	0.01	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	beta-BHC	n/a	=	0.0732	µg/L	EPA 608	0.0031	0.005			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	beta-BHC	n/a	=	73	%	EPA 608	-88	-88	14	147	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	beta-BHC	n/a	=	0.0896	µg/L	EPA 608	0.0031	0.005			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	beta-BHC	n/a	=	90	%	EPA 608	-88	-88	14	147	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	beta-BHC	n/a	=	0.0652	µg/L	EPA 608	0.0031	0.005			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	beta-BHC	n/a	=	65	%	EPA 608	-88	-88	14	147	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	beta-BHC	n/a	=	0.0756	µg/L	EPA 608	0.0031	0.005			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	beta-BHC	n/a	=	76	%	EPA 608	-88	-88	14	147	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	beta-BHC	n/a	=	0.0271	µg/L	EPA 608	0.0016	0.0025			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	beta-BHC	n/a	=	0.0233	µg/L	EPA 608	0.0016	0.0025			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	beta-BHC	n/a	=	47	%	EPA 608	-88	-88	17	147	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	beta-BHC	n/a	=	54	%	EPA 608	-88	-88	17	147	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	beta-BHC	n/a	=	15	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	beta-BHC	n/a	=	0.0592	µg/L	EPA 608	0.0031	0.005			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	beta-BHC	n/a	=	0.0597	µg/L	EPA 608	0.0031	0.005			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	beta-BHC	n/a	=	60	%	EPA 608	-88	-88	17	147	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	beta-BHC	n/a	=	59	%	EPA 608	-88	-88	17	147	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	beta-BHC	n/a	=	0.9	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Bolstar	n/a	=	0.0244	µg/L	EPA 525.2	0.0046	0.01			GB
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Bolstar	n/a	=	0.0247	µg/L	EPA 525.2	0.0046	0.01			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Bolstar	n/a	=	49	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Bolstar	n/a	=	49	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Bolstar	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Bolstar	n/a	=	0.0486	µg/L	EPA 525.2	0.0046	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Bolstar	n/a	=	0.0569	µg/L	EPA 525.2	0.0046	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Bolstar	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Bolstar	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Bolstar	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Bolstar	n/a	=	0.0512	µg/L	EPA 525.2	0.0046	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Bolstar	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Bolstar	n/a	=	0.0477	µg/L	EPA 525.2	0.0046	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Bolstar	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Bolstar	n/a	=	0.046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Bolstar	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Bolstar	n/a	=	0.0432	µg/L	EPA 525.2	0.0046	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Bolstar	n/a	=	0.045	µg/L	EPA 525.2	0.0046	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Bolstar	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Bolstar	n/a	=	86	%	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	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Bolstar	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Bromacil	n/a	=	5.25	µg/L	EPA 525.2	0.038	1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Bromacil	n/a	=	4.68	µg/L	EPA 525.2	0.038	1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Bromacil	n/a	=	5.34	µg/L	EPA 525.2	0.038	1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Bromacil	n/a	=	5.33	µg/L	EPA 525.2	0.038	1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	71	182	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	71	182	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Bromacil	n/a	=	105	%	EPA 525.2	-88	-88	71	182	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Bromacil	n/a	=	94	%	EPA 525.2	-88	-88	71	182	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Bromacil	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Bromacil	n/a	=	4.99	µg/L	EPA 525.2	0.038	1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Bromacil	n/a	=	100	%	EPA 525.2	-88	-88	43	177	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Bromacil	n/a	=	5.22	µg/L	EPA 525.2	0.038	1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Bromacil	n/a	=	5.33	µg/L	EPA 525.2	0.038	1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	43	177	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Bromacil	n/a	=	104	%	EPA 525.2	-88	-88	43	177	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Bromacil	n/a	=	5.02	µg/L	EPA 525.2	0.038	1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Bromacil	n/a	=	100	%	EPA 525.2	-88	-88	43	177	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Bromacil	n/a	=	5.34	µg/L	EPA 525.2	0.038	1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	43	177	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Bromacil	n/a	=	5.66	µg/L	EPA 525.2	0.038	1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Bromacil	n/a	=	4.98	µg/L	EPA 525.2	0.038	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Bromacil	n/a	=	100	%	EPA 525.2	-88	-88	71	182	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Bromacil	n/a	=	113	%	EPA 525.2	-88	-88	71	182	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Bromacil	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Butachlor	n/a	=	3.95	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Butachlor	n/a	=	4.66	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Butachlor	n/a	=	4.22	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Butachlor	n/a	=	4.68	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Butachlor	n/a	=	84	%	EPA 525.2	-88	-88	67	181	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Butachlor	n/a	=	94	%	EPA 525.2	-88	-88	67	181	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Butachlor	n/a	=	93	%	EPA 525.2	-88	-88	67	181	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Butachlor	n/a	=	79	%	EPA 525.2	-88	-88	67	181	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Butachlor	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Butachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Butachlor	n/a	=	3.79	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Butachlor	n/a	=	76	%	EPA 525.2	-88	-88	55	178	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Butachlor	n/a	=	4.24	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Butachlor	n/a	=	4.44	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Butachlor	n/a	=	89	%	EPA 525.2	-88	-88	55	178	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Butachlor	n/a	=	85	%	EPA 525.2	-88	-88	55	178	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Butachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Butachlor	n/a	=	4.46	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Butachlor	n/a	=	89	%	EPA 525.2	-88	-88	55	178	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Butachlor	n/a	=	4.22	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Butachlor	n/a	=	84	%	EPA 525.2	-88	-88	55	178	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Butachlor	n/a	=	3.98	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Butachlor	n/a	=	3.79	µg/L	EPA 525.2	0.017	0.2			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Butachlor	n/a	=	76	%	EPA 525.2	-88	-88	67	181	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Butachlor	n/a	=	80	%	EPA 525.2	-88	-88	67	181	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Butachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Captan	n/a	=	3.64	µg/L	EPA 525.2	0.86	1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Captan	n/a	=	4.46	µg/L	EPA 525.2	0.86	1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Captan	n/a	=	3.66	µg/L	EPA 525.2	0.86	1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Captan	n/a	=	4.97	µg/L	EPA 525.2	0.86	1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Captan	n/a	=	99	%	EPA 525.2	-88	-88	45	182	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Captan	n/a	=	73	%	EPA 525.2	-88	-88	45	182	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Captan	n/a	=	89	%	EPA 525.2	-88	-88	45	182	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Captan	n/a	=	73	%	EPA 525.2	-88	-88	45	182	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Captan	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Captan	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Captan	n/a	=	5.76	µg/L	EPA 525.2	0.86	1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Captan	n/a	=	115	%	EPA 525.2	-88	-88	20	215	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Captan	n/a	=	3.79	µg/L	EPA 525.2	0.86	1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Captan	n/a	=	4.19	µg/L	EPA 525.2	0.86	1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Captan	n/a	=	84	%	EPA 525.2	-88	-88	20	215	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Captan	n/a	=	76	%	EPA 525.2	-88	-88	20	215	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Captan	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Captan	n/a	=	3.57	µg/L	EPA 525.2	0.86	1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Captan	n/a	=	71	%	EPA 525.2	-88	-88	20	215	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Captan	n/a	=	4.97	µg/L	EPA 525.2	0.86	1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Captan	n/a	=	99	%	EPA 525.2	-88	-88	20	215	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Captan	n/a	=	6.55	µg/L	EPA 525.2	0.86	1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Captan	n/a	=	6.65	µg/L	EPA 525.2	0.86	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Captan	n/a	=	133	%	EPA 525.2	-88	-88	45	182	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Captan	n/a	=	131	%	EPA 525.2	-88	-88	45	182	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Captan	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Chloropropham	n/a	=	5.27	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Chloropropham	n/a	=	5.44	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Chloropropham	n/a	=	5.07	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Chloropropham	n/a	=	5.71	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Chloropropham	n/a	=	114	%	EPA 525.2	-88	-88	76	137	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Chloropropham	n/a	=	101	%	EPA 525.2	-88	-88	76	137	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Chloropropham	n/a	=	105	%	EPA 525.2	-88	-88	76	137	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Chloropropham	n/a	=	109	%	EPA 525.2	-88	-88	76	137	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Chloropropham	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Chloropropham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Chloropropham	n/a	=	5.04	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Chloropropham	n/a	=	101	%	EPA 525.2	-88	-88	74	133	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Chloropropham	n/a	=	5.45	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Chloropropham	n/a	=	5.53	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Chloropropham	n/a	=	111	%	EPA 525.2	-88	-88	74	133	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Chloropropham	n/a	=	109	%	EPA 525.2	-88	-88	74	133	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Chloropropham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Chloropropham	n/a	=	5.06	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Chloropropham	n/a	=	101	%	EPA 525.2	-88	-88	74	133	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Chloropropham	n/a	=	5.71	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Chloropropham	n/a	=	114	%	EPA 525.2	-88	-88	74	133	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Chloropropham	n/a	=	5.78	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Chloropropham	n/a	=	5.73	µg/L	EPA 525.2	0.01	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Chloropropham	n/a	=	115	%	EPA 525.2	-88	-88	76	137	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Chloropropham	n/a	=	116	%	EPA 525.2	-88	-88	76	137	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Chloropropham	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Chlorpyrifos	n/a	=	0.0291	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Chlorpyrifos	n/a	=	0.0281	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Chlorpyrifos	n/a	=	56	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Chlorpyrifos	n/a	=	58	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Chlorpyrifos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Chlorpyrifos	n/a	=	0.0428	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Chlorpyrifos	n/a	=	0.0438	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Chlorpyrifos	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Chlorpyrifos	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Chlorpyrifos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Chlorpyrifos	n/a	=	0.0575	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Chlorpyrifos	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Chlorpyrifos	n/a	=	0.054	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Chlorpyrifos	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	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	
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Chlorpyrifos	n/a	=	0.0648	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Chlorpyrifos	n/a	=	130	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Chlorpyrifos	n/a	=	0.0448	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Chlorpyrifos	n/a	=	0.043	µg/L	EPA 525.2	0.0069	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Chlorpyrifos	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Chlorpyrifos	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Chlorpyrifos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Coumaphos	n/a	=	0.0101	µg/L	EPA 525.2	-88	-88			GB
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Coumaphos	n/a	=	0.0077	µg/L	EPA 525.2	-88	-88			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Coumaphos	n/a	=	15	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Coumaphos	n/a	=	20	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Coumaphos	n/a	=	27	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Coumaphos	n/a	=	0.0516	µg/L	EPA 525.2	0.0051	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Coumaphos	n/a	=	0.049	µg/L	EPA 525.2	0.0051	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Coumaphos	n/a	=	98	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Coumaphos	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Coumaphos	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Coumaphos	n/a	=	0.0464	µg/L	EPA 525.2	0.0051	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Coumaphos	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Coumaphos	n/a	=	0.0498	µg/L	EPA 525.2	0.0051	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Coumaphos	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Coumaphos	n/a	=	0.0611	µg/L	EPA 525.2	0.0051	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Coumaphos	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Coumaphos	n/a	=	0.0331	µg/L	EPA 525.2	0.0051	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Coumaphos	n/a	=	0.0279	µg/L	EPA 525.2	0.0051	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Coumaphos	n/a	=	56	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Coumaphos	n/a	=	66	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Coumaphos	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Cyanazine	n/a	=	4.34	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Cyanazine	n/a	=	3.67	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Cyanazine	n/a	=	3.92	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Cyanazine	n/a	=	4.47	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Cyanazine	n/a	=	78	%	EPA 525.2	-88	-88	26	145	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Cyanazine	n/a	=	89	%	EPA 525.2	-88	-88	26	145	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Cyanazine	n/a	=	73	%	EPA 525.2	-88	-88	26	145	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Cyanazine	n/a	=	87	%	EPA 525.2	-88	-88	26	145	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Cyanazine	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Cyanazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Cyanazine	n/a	=	4.49	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Cyanazine	n/a	=	90	%	EPA 525.2	-88	-88	69	131	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Cyanazine	n/a	=	4.55	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Cyanazine	n/a	=	4.83	µg/L	EPA 525.2	0.024	0.1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Cyanazine	n/a	=	97	%	EPA 525.2	-88	-88	69	131	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Cyanazine	n/a	=	91	%	EPA 525.2	-88	-88	69	131	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Cyanazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Cyanazine	n/a	=	4.14	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Cyanazine	n/a	=	83	%	EPA 525.2	-88	-88	69	131	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Cyanazine	n/a	=	4.47	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Cyanazine	n/a	=	89	%	EPA 525.2	-88	-88	69	131	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Cyanazine	n/a	=	4.41	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Cyanazine	n/a	=	4.13	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Cyanazine	n/a	=	83	%	EPA 525.2	-88	-88	26	145	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Cyanazine	n/a	=	88	%	EPA 525.2	-88	-88	26	145	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Cyanazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	4/28/2012	Pesticide	Dalapon	n/a	=	7.94	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	Dalapon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	Dalapon	n/a	=	7.7	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	Dalapon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	Dalapon	n/a	=	7.49	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	Dalapon	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	Dalapon	n/a	=	7.63	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	Dalapon	n/a	=	7.76	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	Dalapon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	Dalapon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	Dalapon	n/a	=	7.77	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	Dalapon	n/a	=	7.94	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	Dalapon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	Dalapon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	Dalapon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	Dalapon	n/a	=	6.88	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	Dalapon	n/a	=	6.69	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	Dalapon	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	Dalapon	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	Dalapon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	Dalapon	n/a	=	8.14	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	Dalapon	n/a	=	7.74	µg/L	EPA 515.3	0.1	0.4			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	Dalapon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	Dalapon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	Dalapon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	Lab	LCS	4/28/2012	Pesticide	DCPA (Dacthal)	n/a	=	2.82	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	DCPA (Dacthal)	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	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	
2011/12-4	Lab	LCS	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.02	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	DCPA (Dacthal)	n/a	=	2.93	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	DCPA (Dacthal)	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	DCPA (Dacthal)	n/a	=	4.56	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	DCPA (Dacthal)	n/a	=	4.59	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	DCPA (Dacthal)	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	DCPA (Dacthal)	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	DCPA (Dacthal)	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.26	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.32	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	DCPA (Dacthal)	n/a	=	2.82	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	DCPA (Dacthal)	n/a	=	2.81	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	DCPA (Dacthal)	n/a	=	70	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	DCPA (Dacthal)	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	DCPA (Dacthal)	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.18	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	3	µg/L	EPA 515.3	0.07	0.1			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	75	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	DCPA (Dacthal)	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	delta-BHC	n/a	=	0.0627	µg/L	EPA 608	0.0025	0.005			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	delta-BHC	n/a	=	0.0613	µg/L	EPA 608	0.0025	0.005			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	delta-BHC	n/a	=	61	%	EPA 608	-88	-88	19	140	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	delta-BHC	n/a	=	63	%	EPA 608	-88	-88	19	140	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	delta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	delta-BHC	n/a	=	0.0654	µg/L	EPA 608	0.0025	0.005			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	delta-BHC	n/a	=	65	%	EPA 608	-88	-88	19	140	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	delta-BHC	n/a	=	0.0863	µg/L	EPA 608	0.0025	0.005			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	delta-BHC	n/a	=	86	%	EPA 608	-88	-88	19	140	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	delta-BHC	n/a	=	0.0644	µg/L	EPA 608	0.0025	0.005			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	delta-BHC	n/a	=	64	%	EPA 608	-88	-88	19	140	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	delta-BHC	n/a	=	0.0772	µg/L	EPA 608	0.0025	0.005			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	delta-BHC	n/a	=	77	%	EPA 608	-88	-88	19	140	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	delta-BHC	n/a	=	0.0274	µg/L	EPA 608	0.0012	0.0025			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	delta-BHC	n/a	=	0.0274	µg/L	EPA 608	0.0012	0.0025			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	delta-BHC	n/a	=	55	%	EPA 608	-88	-88	19	140	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	delta-BHC	n/a	=	55	%	EPA 608	-88	-88	19	140	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	delta-BHC	n/a	=	0.2	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	delta-BHC	n/a	=	0.0583	µg/L	EPA 608	0.0025	0.005			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	delta-BHC	n/a	=	0.059	µg/L	EPA 608	0.0025	0.005			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	delta-BHC	n/a	=	59	%	EPA 608	-88	-88	19	140	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	delta-BHC	n/a	=	58	%	EPA 608	-88	-88	19	140	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	delta-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Demeton-O	n/a	=	0.0264	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Demeton-O	n/a	=	0.0202	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Demeton-O	n/a	=	40	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Demeton-O	n/a	=	53	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Demeton-O	n/a	=	27	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Demeton-O	n/a	=	0.0508	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Demeton-O	n/a	=	0.0505	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Demeton-O	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Demeton-O	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Demeton-O	n/a	=	0.6	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Demeton-O	n/a	=	0.0426	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Demeton-O	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Demeton-O	n/a	=	0.0599	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Demeton-O	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Demeton-O	n/a	=	0.0474	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Demeton-O	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Demeton-O	n/a	=	0.0401	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Demeton-O	n/a	=	0.0361	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Demeton-O	n/a	=	72	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Demeton-O	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Demeton-O	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Demeton-S	n/a	=	0.0264	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Demeton-S	n/a	=	0.0202	µg/L	EPA 525.2	0.01	0.01			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Demeton-S	n/a	=	40	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Demeton-S	n/a	=	53	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Demeton-S	n/a	=	27	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Demeton-S	n/a	=	0.0508	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Demeton-S	n/a	=	0.0505	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Demeton-S	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Demeton-S	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Demeton-S	n/a	=	0.6	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Demeton-S	n/a	=	0.0426	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Demeton-S	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Demeton-S	n/a	=	0.0599	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Demeton-S	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Demeton-S	n/a	=	0.0474	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	
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Demeton-S	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Demeton-S	n/a	=	0.0401	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Demeton-S	n/a	=	0.0361	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Demeton-S	n/a	=	72	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Demeton-S	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Demeton-S	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Diazinon	n/a	=	0.0373	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Diazinon	n/a	=	0.0295	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Diazinon	n/a	=	59	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Diazinon	n/a	=	75	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Diazinon	n/a	=	23	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Diazinon	n/a	=	0.0519	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Diazinon	n/a	=	0.0456	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Diazinon	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Diazinon	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Diazinon	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Diazinon	n/a	=	0.0641	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Diazinon	n/a	=	128	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Diazinon	n/a	=	0.0532	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Diazinon	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Diazinon	n/a	=	0.0559	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Diazinon	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Diazinon	n/a	=	0.0869	µg/L	EPA 525.2	0.0052	0.01			GB
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Diazinon	n/a	=	0.0575	µg/L	EPA 525.2	0.0052	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Diazinon	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Diazinon	n/a	=	174	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Diazinon	n/a	=	41	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	Lab	LCS	4/28/2012	Pesticide	Dicamba	n/a	=	6.6	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	Dicamba	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	Dicamba	n/a	=	6.94	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	Dicamba	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	Dicamba	n/a	=	6.86	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	Dicamba	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	Dicamba	n/a	=	6.7	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	Dicamba	n/a	=	6.87	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	Dicamba	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	Dicamba	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	Dicamba	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	Dicamba	n/a	=	7.07	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	Dicamba	n/a	=	6.98	µg/L	EPA 515.3	0.12	0.6			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	Dicamba	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	Dicamba	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	Dicamba	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	Dicamba	n/a	=	6.66	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	Dicamba	n/a	=	6.55	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	Dicamba	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	Dicamba	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	Dicamba	n/a	=	7.1	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	Dicamba	n/a	=	6.79	µg/L	EPA 515.3	0.12	0.6			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	Dicamba	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	Dicamba	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	Dicamba	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	Lab	LCS	4/28/2012	Pesticide	Dichlorprop	n/a	=	6.5	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	Dichlorprop	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	Dichlorprop	n/a	=	6.83	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	Dichlorprop	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	Dichlorprop	n/a	=	6.76	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	Dichlorprop	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	Dichlorprop	n/a	=	6	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	Dichlorprop	n/a	=	6.31	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	Dichlorprop	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	Dichlorprop	n/a	=	75	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	Dichlorprop	n/a	=	6.84	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	Dichlorprop	n/a	=	6.87	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	Dichlorprop	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	Dichlorprop	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	Dichlorprop	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	Dichlorprop	n/a	=	7.01	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	Dichlorprop	n/a	=	6.4	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	Dichlorprop	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	Dichlorprop	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	Dichlorprop	n/a	=	9	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	Dichlorprop	n/a	=	7.61	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	Dichlorprop	n/a	=	7.22	µg/L	EPA 515.3	0.08	0.3			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	Dichlorprop	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	Dichlorprop	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Dichlorvos	n/a	=	0.0281	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Dichlorvos	n/a	=	0.0257	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Dichlorvos	n/a	=	51	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Dichlorvos	n/a	=	56	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Dichlorvos	n/a	=	9	%	EPA 525.2	-88	-88	0	25	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Dichlorvos	n/a	=	0.0387	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Dichlorvos	n/a	=	0.0369	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Dichlorvos	n/a	=	74	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Dichlorvos	n/a	=	77	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Dichlorvos	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Dichlorvos	n/a	=	0.0424	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Dichlorvos	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Dichlorvos	n/a	=	0.0443	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Dichlorvos	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Dichlorvos	n/a	=	0.0461	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Dichlorvos	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Dichlorvos	n/a	=	0.0398	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Dichlorvos	n/a	=	0.039	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Dichlorvos	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Dichlorvos	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Dichlorvos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	Dieldrin	n/a	=	0.0717	µg/L	EPA 608	0.0021	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	Dieldrin	n/a	=	0.0714	µg/L	EPA 608	0.0021	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	Dieldrin	n/a	=	71	%	EPA 608	-88	-88	36	146	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	Dieldrin	n/a	=	72	%	EPA 608	-88	-88	36	146	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	Dieldrin	n/a	=	0.4	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	Dieldrin	n/a	=	0.0678	µg/L	EPA 608	0.0021	0.01			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	Dieldrin	n/a	=	68	%	EPA 608	-88	-88	36	146	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	Dieldrin	n/a	=	0.0857	µg/L	EPA 608	0.0021	0.01			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	Dieldrin	n/a	=	86	%	EPA 608	-88	-88	36	146	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	Dieldrin	n/a	=	0.0634	µg/L	EPA 608	0.0021	0.01			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	Dieldrin	n/a	=	63	%	EPA 608	-88	-88	36	146	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Dieldrin	n/a	=	0.0716	µg/L	EPA 608	0.0021	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Dieldrin	n/a	=	72	%	EPA 608	-88	-88	36	146	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	Dieldrin	n/a	=	0.0252	µg/L	EPA 608	0.001	0.005			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	Dieldrin	n/a	=	0.0261	µg/L	EPA 608	0.001	0.005			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	Dieldrin	n/a	=	52	%	EPA 608	-88	-88	36	146	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	Dieldrin	n/a	=	50	%	EPA 608	-88	-88	36	146	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	Dieldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	Dieldrin	n/a	=	0.0535	µg/L	EPA 608	0.0021	0.01			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	Dieldrin	n/a	=	0.0526	µg/L	EPA 608	0.0021	0.01			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	Dieldrin	n/a	=	53	%	EPA 608	-88	-88	36	146	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	Dieldrin	n/a	=	53	%	EPA 608	-88	-88	36	146	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	Dieldrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Dimethoate	n/a	=	0.0066	µg/L	EPA 525.2	-88	-88			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	
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Dimethoate	n/a	=	0.0011	µg/L	EPA 525.2	-88	-88			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Dimethoate	n/a	=	13	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Dimethoate	n/a	=	144	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Dimethoate	n/a	=	0.0549	µg/L	EPA 525.2	0.0062	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Dimethoate	n/a	=	0.0399	µg/L	EPA 525.2	0.0062	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Dimethoate	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Dimethoate	n/a	=	110	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Dimethoate	n/a	=	32	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Dimethoate	n/a	=	0.0561	µg/L	EPA 525.2	0.0062	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Dimethoate	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Dimethoate	n/a	=	0.0789	µg/L	EPA 525.2	0.0062	0.01			EUM
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Dimethoate	n/a	=	158	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Dimethoate	n/a	=	0.0859	µg/L	EPA 525.2	0.0062	0.01			EUM
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Dimethoate	n/a	=	172	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Dimethoate	n/a	=	0.092	µg/L	EPA 525.2	0.0062	0.01			GB
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Dimethoate	n/a	=	0.0337	µg/L	EPA 525.2	0.0062	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Dimethoate	n/a	=	67	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Dimethoate	n/a	=	184	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Dimethoate	n/a	=	93	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	Lab	LCS	4/28/2012	Pesticide	Dinoseb	n/a	=	2.92	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	Dinoseb	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	Dinoseb	n/a	=	3.26	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	Dinoseb	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	Dinoseb	n/a	=	3.17	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	Dinoseb	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	Dinoseb	n/a	=	3.22	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	Dinoseb	n/a	=	3.23	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	Dinoseb	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	Dinoseb	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	Dinoseb	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	Dinoseb	n/a	=	3.36	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	Dinoseb	n/a	=	3.47	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	Dinoseb	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	Dinoseb	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	Dinoseb	n/a	=	2.98	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	Dinoseb	n/a	=	2.98	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	Dinoseb	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	Dinoseb	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	Dinoseb	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	Dinoseb	n/a	=	2.96	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	Dinoseb	n/a	=	2.79	µg/L	EPA 515.3	0.14	0.4			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	Dinoseb	n/a	=	70	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	Dinoseb	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	Dinoseb	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Diphenamid	n/a	=	5.31	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Diphenamid	n/a	=	4.43	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Diphenamid	n/a	=	5.17	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Diphenamid	n/a	=	5.18	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Diphenamid	n/a	=	103	%	EPA 525.2	-88	-88	86	130	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	86	130	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Diphenamid	n/a	=	106	%	EPA 525.2	-88	-88	86	130	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Diphenamid	n/a	=	89	%	EPA 525.2	-88	-88	86	130	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Diphenamid	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Diphenamid	n/a	=	4.92	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Diphenamid	n/a	=	98	%	EPA 525.2	-88	-88	82	144	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Diphenamid	n/a	=	4.98	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Diphenamid	n/a	=	5.05	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Diphenamid	n/a	=	101	%	EPA 525.2	-88	-88	82	144	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Diphenamid	n/a	=	100	%	EPA 525.2	-88	-88	82	144	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Diphenamid	n/a	=	5.02	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Diphenamid	n/a	=	100	%	EPA 525.2	-88	-88	82	144	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Diphenamid	n/a	=	5.17	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Diphenamid	n/a	=	103	%	EPA 525.2	-88	-88	82	144	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Diphenamid	n/a	=	5.18	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Diphenamid	n/a	=	5.16	µg/L	EPA 525.2	0.024	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Diphenamid	n/a	=	103	%	EPA 525.2	-88	-88	86	130	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	86	130	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Diphenamid	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Disulfoton	n/a	=	0.033	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Disulfoton	n/a	=	0.03	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Disulfoton	n/a	=	60	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Disulfoton	n/a	=	66	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Disulfoton	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Disulfoton	n/a	=	0.0643	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Disulfoton	n/a	=	0.0668	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Disulfoton	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Disulfoton	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Disulfoton	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Disulfoton	n/a	=	0.0515	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Disulfoton	n/a	=	103	%	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	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Disulfoton	n/a	=	0.0597	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Disulfoton	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Disulfoton	n/a	=	0.0473	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Disulfoton	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Disulfoton	n/a	=	0.0479	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Disulfoton	n/a	=	0.0425	µg/L	EPA 525.2	0.01	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Disulfoton	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Disulfoton	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Disulfoton	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	Endosulfan I	n/a	=	0.0363	µg/L	EPA 608	0.0017	0.02			GB
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	Endosulfan I	n/a	=	0.0411	µg/L	EPA 608	0.0017	0.02			GB
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	Endosulfan I	n/a	=	41	%	EPA 608	-88	-88	45	153	GB
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	Endosulfan I	n/a	=	36	%	EPA 608	-88	-88	45	153	GB
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	Endosulfan I	n/a	=	12	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	Endosulfan I	n/a	=	0.0352	µg/L	EPA 608	0.0017	0.02			EUM
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	Endosulfan I	n/a	=	35	%	EPA 608	-88	-88	45	153	EUM
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	Endosulfan I	n/a	=	0.0555	µg/L	EPA 608	0.0017	0.02			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	Endosulfan I	n/a	=	56	%	EPA 608	-88	-88	45	153	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	Endosulfan I	n/a	=	0.0582	µg/L	EPA 608	0.0017	0.02			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	Endosulfan I	n/a	=	58	%	EPA 608	-88	-88	45	153	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Endosulfan I	n/a	=	0.0655	µg/L	EPA 608	0.0017	0.02			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Endosulfan I	n/a	=	66	%	EPA 608	-88	-88	45	153	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	Endosulfan I	n/a	=	0.0343	µg/L	EPA 608	0.0008	0.01			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	Endosulfan I	n/a	=	0.038	µg/L	EPA 608	0.0008	0.01			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	Endosulfan I	n/a	=	76	%	EPA 608	-88	-88	45	153	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	Endosulfan I	n/a	=	69	%	EPA 608	-88	-88	45	153	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	Endosulfan I	n/a	=	10	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	Endosulfan I	n/a	=	0.0589	µg/L	EPA 608	0.0017	0.02			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	Endosulfan I	n/a	=	0.0606	µg/L	EPA 608	0.0017	0.02			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	Endosulfan I	n/a	=	61	%	EPA 608	-88	-88	45	153	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	Endosulfan I	n/a	=	59	%	EPA 608	-88	-88	45	153	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	Endosulfan I	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	Endosulfan II	n/a	=	0.0733	µg/L	EPA 608	0.0019	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	Endosulfan II	n/a	=	0.0731	µg/L	EPA 608	0.0019	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	Endosulfan II	n/a	=	73	%	EPA 608	-88	-88	2	202	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	Endosulfan II	n/a	=	73	%	EPA 608	-88	-88	2	202	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	Endosulfan II	n/a	=	0.2	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	Endosulfan II	n/a	=	0.0655	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	Endosulfan II	n/a	=	66	%	EPA 608	-88	-88	2	202	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS	5/10/2012	Pesticide	Endosulfan II	n/a	=	0.0832	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	Endosulfan II	n/a	=	83	%	EPA 608	-88	-88	2	202	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	Endosulfan II	n/a	=	0.0563	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	Endosulfan II	n/a	=	56	%	EPA 608	-88	-88	2	202	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Endosulfan II	n/a	=	0.0638	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Endosulfan II	n/a	=	64	%	EPA 608	-88	-88	2	202	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	Endosulfan II	n/a	=	0.0226	µg/L	EPA 608	0.001	0.005			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	Endosulfan II	n/a	=	0.0217	µg/L	EPA 608	0.001	0.005			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	Endosulfan II	n/a	=	43	%	EPA 608	-88	-88	2	202	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	Endosulfan II	n/a	=	45	%	EPA 608	-88	-88	2	202	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	Endosulfan II	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	Endosulfan II	n/a	=	0.0503	µg/L	EPA 608	0.0019	0.01			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	Endosulfan II	n/a	=	0.05	µg/L	EPA 608	0.0019	0.01			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	Endosulfan II	n/a	=	50	%	EPA 608	-88	-88	2	202	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	Endosulfan II	n/a	=	50	%	EPA 608	-88	-88	2	202	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	Endosulfan II	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0787	µg/L	EPA 608	0.008	0.05			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0778	µg/L	EPA 608	0.008	0.05			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	Endosulfan sulfate	n/a	=	78	%	EPA 608	-88	-88	26	144	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	Endosulfan sulfate	n/a	=	79	%	EPA 608	-88	-88	26	144	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	Endosulfan sulfate	n/a	=	1	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0667	µg/L	EPA 608	0.008	0.05			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	Endosulfan sulfate	n/a	=	67	%	EPA 608	-88	-88	26	144	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0914	µg/L	EPA 608	0.008	0.05			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	Endosulfan sulfate	n/a	=	91	%	EPA 608	-88	-88	26	144	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0645	µg/L	EPA 608	0.008	0.05			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	Endosulfan sulfate	n/a	=	65	%	EPA 608	-88	-88	26	144	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0745	µg/L	EPA 608	0.008	0.05			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Endosulfan sulfate	n/a	=	75	%	EPA 608	-88	-88	26	144	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0292	µg/L	EPA 608	0.004	0.025			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0289	µg/L	EPA 608	0.004	0.025			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	Endosulfan sulfate	n/a	=	58	%	EPA 608	-88	-88	26	144	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	Endosulfan sulfate	n/a	=	58	%	EPA 608	-88	-88	26	144	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	Endosulfan sulfate	n/a	=	1	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0622	µg/L	EPA 608	0.008	0.05			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0643	µg/L	EPA 608	0.008	0.05			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	Endosulfan sulfate	n/a	=	64	%	EPA 608	-88	-88	26	144	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	Endosulfan sulfate	n/a	=	62	%	EPA 608	-88	-88	26	144	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	Endosulfan sulfate	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	Endrin	n/a	=	0.089	µg/L	EPA 608	0.0028	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	
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	Endrin	n/a	=	0.0893	µg/L	EPA 608	0.0028	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	Endrin	n/a	=	89	%	EPA 608	-88	-88	30	147	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	Endrin	n/a	=	89	%	EPA 608	-88	-88	30	147	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	Endrin	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	Endrin	n/a	=	0.0833	µg/L	EPA 608	0.0028	0.01			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	Endrin	n/a	=	83	%	EPA 608	-88	-88	30	147	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	Endrin	n/a	=	0.0942	µg/L	EPA 608	0.0028	0.01			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	Endrin	n/a	=	94	%	EPA 608	-88	-88	30	147	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	Endrin	n/a	=	0.0584	µg/L	EPA 608	0.0028	0.01			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	Endrin	n/a	=	58	%	EPA 608	-88	-88	30	147	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Endrin	n/a	=	0.0521	µg/L	EPA 608	0.0028	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Endrin	n/a	=	52	%	EPA 608	-88	-88	30	147	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	Endrin	n/a	=	0.0338	µg/L	EPA 608	0.0014	0.005			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	Endrin	n/a	=	0.0323	µg/L	EPA 608	0.0014	0.005			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	Endrin	n/a	=	65	%	EPA 608	-88	-88	30	147	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	Endrin	n/a	=	68	%	EPA 608	-88	-88	30	147	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	Endrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	Endrin	n/a	=	0.0627	µg/L	EPA 608	0.0028	0.01			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	Endrin	n/a	=	0.0622	µg/L	EPA 608	0.0028	0.01			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	Endrin	n/a	=	62	%	EPA 608	-88	-88	30	147	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	Endrin	n/a	=	63	%	EPA 608	-88	-88	30	147	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	Endrin	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	Endrin aldehyde	n/a	=	0.0591	µg/L	EPA 608	0.003	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	Endrin aldehyde	n/a	=	0.0598	µg/L	EPA 608	0.003	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	Endrin aldehyde	n/a	=	60	%	EPA 608	-88	-88	30	180	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	Endrin aldehyde	n/a	=	59	%	EPA 608	-88	-88	30	180	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	Endrin aldehyde	n/a	=	1	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	Endrin aldehyde	n/a	=	0.0589	µg/L	EPA 608	0.003	0.01			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	Endrin aldehyde	n/a	=	59	%	EPA 608	-88	-88	41	203	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	Endrin aldehyde	n/a	=	0.0812	µg/L	EPA 608	0.003	0.01			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	Endrin aldehyde	n/a	=	81	%	EPA 608	-88	-88	41	203	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	Endrin aldehyde	n/a	=	0.0572	µg/L	EPA 608	0.003	0.01			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	Endrin aldehyde	n/a	=	57	%	EPA 608	-88	-88	41	203	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Endrin aldehyde	n/a	=	0.0702	µg/L	EPA 608	0.003	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Endrin aldehyde	n/a	=	70	%	EPA 608	-88	-88	41	203	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	Endrin aldehyde	n/a	=	0.0224	µg/L	EPA 608	0.0015	0.005			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	Endrin aldehyde	n/a	=	0.0183	µg/L	EPA 608	0.0015	0.005			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	Endrin aldehyde	n/a	=	37	%	EPA 608	-88	-88	30	180	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	Endrin aldehyde	n/a	=	45	%	EPA 608	-88	-88	30	180	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	Endrin aldehyde	n/a	=	20	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	Endrin aldehyde	n/a	=	0.0456	µg/L	EPA 608	0.003	0.01			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	Endrin aldehyde	n/a	=	0.0469	µg/L	EPA 608	0.003	0.01			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	Endrin aldehyde	n/a	=	47	%	EPA 608	-88	-88	30	180	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	Endrin aldehyde	n/a	=	46	%	EPA 608	-88	-88	30	180	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	Endrin aldehyde	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	EPTC	n/a	=	4.97	µg/L	EPA 525.2	0.017	1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	EPTC	n/a	=	5	µg/L	EPA 525.2	0.017	1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	EPTC	n/a	=	4.99	µg/L	EPA 525.2	0.017	1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	EPTC	n/a	=	5.34	µg/L	EPA 525.2	0.017	1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	EPTC	n/a	=	107	%	EPA 525.2	-88	-88	67	119	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	67	119	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	EPTC	n/a	=	99	%	EPA 525.2	-88	-88	67	119	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	67	119	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	EPTC	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	EPTC	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	EPTC	n/a	=	4.58	µg/L	EPA 525.2	0.017	1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	EPTC	n/a	=	92	%	EPA 525.2	-88	-88	75	110	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	EPTC	n/a	=	4.85	µg/L	EPA 525.2	0.017	1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	EPTC	n/a	=	4.9	µg/L	EPA 525.2	0.017	1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	EPTC	n/a	=	98	%	EPA 525.2	-88	-88	75	110	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	EPTC	n/a	=	97	%	EPA 525.2	-88	-88	75	110	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	EPTC	n/a	=	4.99	µg/L	EPA 525.2	0.017	1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	75	110	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	EPTC	n/a	=	5.34	µg/L	EPA 525.2	0.017	1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	EPTC	n/a	=	107	%	EPA 525.2	-88	-88	75	110	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	EPTC	n/a	=	5.12	µg/L	EPA 525.2	0.017	1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	EPTC	n/a	=	5.25	µg/L	EPA 525.2	0.017	1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	67	119	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	EPTC	n/a	=	102	%	EPA 525.2	-88	-88	67	119	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	EPTC	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Ethoprop	n/a	=	0.0378	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Ethoprop	n/a	=	0.0346	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Ethoprop	n/a	=	69	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Ethoprop	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Ethoprop	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Ethoprop	n/a	=	0.0558	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Ethoprop	n/a	=	0.0538	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Ethoprop	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Ethoprop	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Ethoprop	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Ethoprop	n/a	=	0.0706	µg/L	EPA 525.2	0.0067	0.01			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Ethoprop	n/a	=	141	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Ethoprop	n/a	=	0.057	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Ethoprop	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Ethoprop	n/a	=	0.0667	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Ethoprop	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Ethoprop	n/a	=	0.0633	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Ethoprop	n/a	=	0.0578	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Ethoprop	n/a	=	116	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Ethoprop	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Ethoprop	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Ethyl parathion	n/a	=	0.0274	µg/L	EPA 525.2	0.0054	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Ethyl parathion	n/a	=	0.0234	µg/L	EPA 525.2	0.0054	0.01			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Ethyl parathion	n/a	=	47	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Ethyl parathion	n/a	=	55	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Ethyl parathion	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Ethyl parathion	n/a	=	0.0596	µg/L	EPA 525.2	0.0054	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Ethyl parathion	n/a	=	0.0564	µg/L	EPA 525.2	0.0054	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Ethyl parathion	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Ethyl parathion	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Ethyl parathion	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Ethyl parathion	n/a	=	0.0729	µg/L	EPA 525.2	0.0054	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Ethyl parathion	n/a	=	146	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Ethyl parathion	n/a	=	0.0684	µg/L	EPA 525.2	0.0054	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Ethyl parathion	n/a	=	137	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Ethyl parathion	n/a	=	0.0911	µg/L	EPA 525.2	0.0054	0.01			EUM
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Ethyl parathion	n/a	=	182	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Ethyl parathion	n/a	=	0.0591	µg/L	EPA 525.2	0.0054	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Ethyl parathion	n/a	=	0.0501	µg/L	EPA 525.2	0.0054	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Ethyl parathion	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Ethyl parathion	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Ethyl parathion	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Fensulfothion	n/a	=	0.0175	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Fensulfothion	n/a	=	0.012	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Fensulfothion	n/a	=	24	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Fensulfothion	n/a	=	35	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Fensulfothion	n/a	=	37	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Fensulfothion	n/a	=	0.0785	µg/L	EPA 525.2	0.0029	0.01			GB
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Fensulfothion	n/a	=	0.0728	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Fensulfothion	n/a	=	146	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Fensulfothion	n/a	=	157	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Fensulfothion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Fensulfothion	n/a	=	0.0751	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Fensulfothion	n/a	=	150	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Fensulfothion	n/a	=	0.109	µg/L	EPA 525.2	0.0029	0.01			EUM
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Fensulfothion	n/a	=	218	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Fensulfothion	n/a	=	0.124	µg/L	EPA 525.2	0.0029	0.01			EUM
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Fensulfothion	n/a	=	248	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Fensulfothion	n/a	=	0.0469	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Fensulfothion	n/a	=	0.0415	µg/L	EPA 525.2	0.0029	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Fensulfothion	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Fensulfothion	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Fensulfothion	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Fenthion	n/a	=	0.02	µg/L	EPA 525.2	0.0038	0.01			GB
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Fenthion	n/a	=	0.0189	µg/L	EPA 525.2	0.0038	0.01			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Fenthion	n/a	=	38	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Fenthion	n/a	=	40	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Fenthion	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Fenthion	n/a	=	0.0428	µg/L	EPA 525.2	0.0038	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Fenthion	n/a	=	0.0416	µg/L	EPA 525.2	0.0038	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Fenthion	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Fenthion	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Fenthion	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Fenthion	n/a	=	0.0456	µg/L	EPA 525.2	0.0038	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Fenthion	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Fenthion	n/a	=	0.0441	µg/L	EPA 525.2	0.0038	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Fenthion	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Fenthion	n/a	=	0.0452	µg/L	EPA 525.2	0.0038	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Fenthion	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Fenthion	n/a	=	0.0386	µg/L	EPA 525.2	0.0038	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Fenthion	n/a	=	0.033	µg/L	EPA 525.2	0.0038	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Fenthion	n/a	=	66	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Fenthion	n/a	=	77	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Fenthion	n/a	=	15	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0734	µg/L	EPA 608	0.0021	0.02			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.072	µg/L	EPA 608	0.0021	0.02			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	72	%	EPA 608	-88	-88	32	127	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	73	%	EPA 608	-88	-88	32	127	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0681	µg/L	EPA 608	0.0021	0.02			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	68	%	EPA 608	-88	-88	32	127	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0863	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	
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608	-88	-88	32	127	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0609	µg/L	EPA 608	0.0021	0.02			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	61	%	EPA 608	-88	-88	32	127	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0769	µg/L	EPA 608	0.0021	0.02			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	77	%	EPA 608	-88	-88	32	127	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0249	µg/L	EPA 608	0.001	0.01			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0257	µg/L	EPA 608	0.001	0.01			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	51	%	EPA 608	-88	-88	32	127	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	50	%	EPA 608	-88	-88	32	127	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0576	µg/L	EPA 608	0.0021	0.02			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0571	µg/L	EPA 608	0.0021	0.02			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	57	%	EPA 608	-88	-88	32	127	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	58	%	EPA 608	-88	-88	32	127	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2011/12-4	Lab	method blank	5/10/2012	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2011/12-4	Lab	method blank	5/30/2012	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2011/12-4	Lab	method blank	6/8/2012	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2011/12-4	000NONPJ	matrix spike	4/27/2012	Pesticide	Glyphosate	n/a	=	22.6	µg/L	EPA 547	1.8	5			
2011/12-4	000NONPJ	matrix spike dup	4/27/2012	Pesticide	Glyphosate	n/a	=	23.7	µg/L	EPA 547	1.8	5			
2011/12-4	000NONPJ	matrix spike dup, rec	4/27/2012	Pesticide	Glyphosate	n/a	=	95	%	EPA 547	-88	-88	68	134	
2011/12-4	000NONPJ	matrix spike, rec	4/27/2012	Pesticide	Glyphosate	n/a	=	90	%	EPA 547	-88	-88	68	134	
2011/12-4	000NONPJ	matrix spike, RPD	4/27/2012	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/29/2012	Pesticide	Glyphosate	n/a	=	5.81	µg/L	EPA 547	1.8	5			GB
2011/12-4	000NONPJ	matrix spike	5/29/2012	Pesticide	Glyphosate	n/a	=	27.6	µg/L	EPA 547	1.8	5			
2011/12-4	000NONPJ	matrix spike dup	5/29/2012	Pesticide	Glyphosate	n/a	=	5.17	µg/L	EPA 547	1.8	5			GB
2011/12-4	000NONPJ	matrix spike dup	5/29/2012	Pesticide	Glyphosate	n/a	=	26.2	µg/L	EPA 547	1.8	5			
2011/12-4	000NONPJ	matrix spike dup, rec	5/29/2012	Pesticide	Glyphosate	n/a	=	21	%	EPA 547	-88	-88	68	134	GB
2011/12-4	000NONPJ	matrix spike dup, rec	5/29/2012	Pesticide	Glyphosate	n/a	=	105	%	EPA 547	-88	-88	68	134	
2011/12-4	000NONPJ	matrix spike, rec	5/29/2012	Pesticide	Glyphosate	n/a	=	110	%	EPA 547	-88	-88	68	134	
2011/12-4	000NONPJ	matrix spike, rec	5/29/2012	Pesticide	Glyphosate	n/a	=	23	%	EPA 547	-88	-88	68	134	GB
2011/12-4	000NONPJ	matrix spike, RPD	5/29/2012	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	5/29/2012	Pesticide	Glyphosate	n/a	=	12	%	EPA 547	-88	-88	0	30	
2011/12-4	Lab	LCS	4/27/2012	Pesticide	Glyphosate	n/a	=	26.8	µg/L	EPA 547	1.8	5			
2011/12-4	Lab	LCS, rec	4/27/2012	Pesticide	Glyphosate	n/a	=	107	%	EPA 547	-88	-88	71	137	
2011/12-4	Lab	method blank	4/27/2012	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2011/12-4	Lab	LCS	5/29/2012	Pesticide	Glyphosate	n/a	=	25.2	µg/L	EPA 547	1.8	5			
2011/12-4	Lab	LCS, rec	5/29/2012	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	71	137	
2011/12-4	Lab	method blank	5/29/2012	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	Heptachlor	n/a	=	0.0837	µg/L	EPA 608	0.0017	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	Heptachlor	n/a	=	0.0817	µg/L	EPA 608	0.0017	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	Heptachlor	n/a	=	82	%	EPA 608	-88	-88	34	111	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	Heptachlor	n/a	=	84	%	EPA 608	-88	-88	34	111	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	Heptachlor	n/a	=	2	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	Heptachlor	n/a	=	0.0612	µg/L	EPA 608	0.0017	0.01			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	Heptachlor	n/a	=	61	%	EPA 608	-88	-88	34	111	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	Heptachlor	n/a	=	0.0748	µg/L	EPA 608	0.0017	0.01			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	Heptachlor	n/a	=	75	%	EPA 608	-88	-88	34	111	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	Heptachlor	n/a	=	0.0468	µg/L	EPA 608	0.0017	0.01			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	Heptachlor	n/a	=	47	%	EPA 608	-88	-88	34	111	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Heptachlor	n/a	=	0.052	µg/L	EPA 608	0.0017	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Heptachlor	n/a	=	52	%	EPA 608	-88	-88	34	111	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	Heptachlor	n/a	=	0.0236	µg/L	EPA 608	0.0008	0.005			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	Heptachlor	n/a	=	0.0206	µg/L	EPA 608	0.0008	0.005			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	Heptachlor	n/a	=	41	%	EPA 608	-88	-88	34	111	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	Heptachlor	n/a	=	47	%	EPA 608	-88	-88	34	111	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	Heptachlor	n/a	=	13	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	Heptachlor	n/a	=	0.0567	µg/L	EPA 608	0.0017	0.01			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	Heptachlor	n/a	=	0.0563	µg/L	EPA 608	0.0017	0.01			
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	Heptachlor	n/a	=	56	%	EPA 608	-88	-88	34	111	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	Heptachlor	n/a	=	57	%	EPA 608	-88	-88	34	111	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	Heptachlor	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	5/5/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0721	µg/L	EPA 608	0.0019	0.01			
2011/12-4	000NONPJ	matrix spike dup	5/5/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0719	µg/L	EPA 608	0.0019	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	5/5/2012	Pesticide	Heptachlor epoxide	n/a	=	72	%	EPA 608	-88	-88	37	142	
2011/12-4	000NONPJ	matrix spike, rec	5/5/2012	Pesticide	Heptachlor epoxide	n/a	=	72	%	EPA 608	-88	-88	37	142	
2011/12-4	000NONPJ	matrix spike, RPD	5/5/2012	Pesticide	Heptachlor epoxide	n/a	=	0.2	%	EPA 608	-88	-88	0	30	
2011/12-4	Lab	LCS	5/5/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0674	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS, rec	5/5/2012	Pesticide	Heptachlor epoxide	n/a	=	67	%	EPA 608	-88	-88	37	142	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS	5/10/2012	Pesticide	Heptachlor epoxide	n/a	=	0.086	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS, rec	5/10/2012	Pesticide	Heptachlor epoxide	n/a	=	86	%	EPA 608	-88	-88	37	142	
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS	5/30/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0606	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS, rec	5/30/2012	Pesticide	Heptachlor epoxide	n/a	=	61	%	EPA 608	-88	-88	37	142	
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0704	µg/L	EPA 608	0.0019	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Heptachlor epoxide	n/a	=	70	%	EPA 608	-88	-88	37	142	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2011/12-4	ME-CC	matrix spike	6/8/2012	Pesticide	Heptachlor epoxide	n/a	=	0.025	µg/L	EPA 608	0.001	0.005			
2011/12-4	ME-CC	matrix spike dup	6/8/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0253	µg/L	EPA 608	0.001	0.005			
2011/12-4	ME-CC	matrix spike dup, rec	6/8/2012	Pesticide	Heptachlor epoxide	n/a	=	51	%	EPA 608	-88	-88	37	142	
2011/12-4	ME-CC	matrix spike, rec	6/8/2012	Pesticide	Heptachlor epoxide	n/a	=	50	%	EPA 608	-88	-88	37	142	
2011/12-4	ME-CC	matrix spike, RPD	6/8/2012	Pesticide	Heptachlor epoxide	n/a	=	1	%	EPA 608	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	5/30/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0535	µg/L	EPA 608	0.0019	0.01			
2011/12-4	ME-SCR	matrix spike dup	5/30/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0538	µg/L	EPA 608	0.0019	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-SCR	matrix spike dup, rec	5/30/2012	Pesticide	Heptachlor epoxide	n/a	=	54	%	EPA 608	-88	-88	37	142	
2011/12-4	ME-SCR	matrix spike, rec	5/30/2012	Pesticide	Heptachlor epoxide	n/a	=	53	%	EPA 608	-88	-88	37	142	
2011/12-4	ME-SCR	matrix spike, RPD	5/30/2012	Pesticide	Heptachlor epoxide	n/a	=	0.6	%	EPA 608	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Malathion	n/a	=	0.0151	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Malathion	n/a	=	0.0122	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Malathion	n/a	=	24	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Malathion	n/a	=	30	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Malathion	n/a	=	21	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Malathion	n/a	=	0.042	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Malathion	n/a	=	0.0389	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Malathion	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Malathion	n/a	=	84	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Malathion	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Malathion	n/a	=	0.0573	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Malathion	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Malathion	n/a	=	0.0786	µg/L	EPA 525.2	0.0076	0.01			EUM
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Malathion	n/a	=	157	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Malathion	n/a	=	0.064	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Malathion	n/a	=	128	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Malathion	n/a	=	0.0445	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Malathion	n/a	=	0.0368	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Malathion	n/a	=	74	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Malathion	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Malathion	n/a	=	19	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Merphos	n/a	=	0.0609	µg/L	EPA 525.2	0.0058	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Merphos	n/a	=	0.0555	µg/L	EPA 525.2	0.0058	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Merphos	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Merphos	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Merphos	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Merphos	n/a	=	0.0765	µg/L	EPA 525.2	0.0058	0.01			GB
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Merphos	n/a	=	0.0735	µg/L	EPA 525.2	0.0058	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Merphos	n/a	=	147	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Merphos	n/a	=	153	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Merphos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Merphos	n/a	=	0.102	µg/L	EPA 525.2	0.0058	0.01			EUM
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Merphos	n/a	=	203	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Merphos	n/a	=	0.0619	µg/L	EPA 525.2	0.0058	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Merphos	n/a	=	124	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Merphos	n/a	=	0.0817	µg/L	EPA 525.2	0.0058	0.01			EUM
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Merphos	n/a	=	163	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Merphos	n/a	=	0.09	µg/L	EPA 525.2	0.0058	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	
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Merphos	n/a	=	0.0905	µg/L	EPA 525.2	0.0058	0.01			GB
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Merphos	n/a	=	181	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Merphos	n/a	=	180	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Merphos	n/a	=	0.6	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Methyl parathion	n/a	=	0.0147	µg/L	EPA 525.2	0.0063	0.01			GB
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Methyl parathion	n/a	=	0.0113	µg/L	EPA 525.2	0.0063	0.01			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Methyl parathion	n/a	=	23	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Methyl parathion	n/a	=	29	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Methyl parathion	n/a	=	26	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Methyl parathion	n/a	=	0.0456	µg/L	EPA 525.2	0.0063	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Methyl parathion	n/a	=	0.0413	µg/L	EPA 525.2	0.0063	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Methyl parathion	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Methyl parathion	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Methyl parathion	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Methyl parathion	n/a	=	0.0526	µg/L	EPA 525.2	0.0063	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Methyl parathion	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Methyl parathion	n/a	=	0.0646	µg/L	EPA 525.2	0.0063	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Methyl parathion	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Methyl parathion	n/a	=	0.081	µg/L	EPA 525.2	0.0063	0.01			EUM
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Methyl parathion	n/a	=	162	%	EPA 525.2	-88	-88	50	150	EUM
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Methyl parathion	n/a	=	0.04	µg/L	EPA 525.2	0.0063	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Methyl parathion	n/a	=	0.0324	µg/L	EPA 525.2	0.0063	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Methyl parathion	n/a	=	65	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Methyl parathion	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Methyl parathion	n/a	=	21	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Metolachlor	n/a	=	4.43	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Metolachlor	n/a	=	3.75	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Metolachlor	n/a	=	4.12	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Metolachlor	n/a	=	4.48	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Metolachlor	n/a	=	90	%	EPA 525.2	-88	-88	53	178	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Metolachlor	n/a	=	82	%	EPA 525.2	-88	-88	53	178	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Metolachlor	n/a	=	75	%	EPA 525.2	-88	-88	53	178	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Metolachlor	n/a	=	89	%	EPA 525.2	-88	-88	53	178	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Metolachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Metolachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Metolachlor	n/a	=	3.89	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Metolachlor	n/a	=	78	%	EPA 525.2	-88	-88	55	170	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Metolachlor	n/a	=	4.17	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Metolachlor	n/a	=	4.27	µg/L	EPA 525.2	0.012	0.1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Metolachlor	n/a	=	85	%	EPA 525.2	-88	-88	55	170	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Metolachlor	n/a	=	83	%	EPA 525.2	-88	-88	55	170	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Metolachlor	n/a	=	4.32	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Metolachlor	n/a	=	86	%	EPA 525.2	-88	-88	55	170	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Metolachlor	n/a	=	4.12	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Metolachlor	n/a	=	82	%	EPA 525.2	-88	-88	55	170	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Metolachlor	n/a	=	4.19	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Metolachlor	n/a	=	3.74	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Metolachlor	n/a	=	75	%	EPA 525.2	-88	-88	53	178	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Metolachlor	n/a	=	84	%	EPA 525.2	-88	-88	53	178	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Metolachlor	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Metribuzin	n/a	=	3.68	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Metribuzin	n/a	=	3.82	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Metribuzin	n/a	=	4.24	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Metribuzin	n/a	=	4.19	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Metribuzin	n/a	=	84	%	EPA 525.2	-88	-88	64	155	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Metribuzin	n/a	=	85	%	EPA 525.2	-88	-88	64	155	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Metribuzin	n/a	=	76	%	EPA 525.2	-88	-88	64	155	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Metribuzin	n/a	=	74	%	EPA 525.2	-88	-88	64	155	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Metribuzin	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Metribuzin	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Metribuzin	n/a	=	3.81	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Metribuzin	n/a	=	76	%	EPA 525.2	-88	-88	44	149	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Metribuzin	n/a	=	3.82	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Metribuzin	n/a	=	3.8	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Metribuzin	n/a	=	76	%	EPA 525.2	-88	-88	44	149	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Metribuzin	n/a	=	76	%	EPA 525.2	-88	-88	44	149	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Metribuzin	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Metribuzin	n/a	=	3.86	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Metribuzin	n/a	=	77	%	EPA 525.2	-88	-88	44	149	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Metribuzin	n/a	=	4.19	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Metribuzin	n/a	=	84	%	EPA 525.2	-88	-88	44	149	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Metribuzin	n/a	=	4.07	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Metribuzin	n/a	=	3.53	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Metribuzin	n/a	=	71	%	EPA 525.2	-88	-88	64	155	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Metribuzin	n/a	=	81	%	EPA 525.2	-88	-88	64	155	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Metribuzin	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Mevinphos	n/a	=	0.0201	µg/L	EPA 525.2	0.0042	0.01			GB
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Mevinphos	n/a	=	0.0155	µg/L	EPA 525.2	0.0042	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	
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Mevinphos	n/a	=	31	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Mevinphos	n/a	=	40	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Mevinphos	n/a	=	26	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Mevinphos	n/a	=	0.0411	µg/L	EPA 525.2	0.0042	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Mevinphos	n/a	=	0.0376	µg/L	EPA 525.2	0.0042	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Mevinphos	n/a	=	75	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Mevinphos	n/a	=	82	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Mevinphos	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Mevinphos	n/a	=	0.0521	µg/L	EPA 525.2	0.0042	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Mevinphos	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Mevinphos	n/a	=	0.0508	µg/L	EPA 525.2	0.0042	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Mevinphos	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Mevinphos	n/a	=	0.0604	µg/L	EPA 525.2	0.0042	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Mevinphos	n/a	=	121	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Mevinphos	n/a	=	0.0459	µg/L	EPA 525.2	0.0042	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Mevinphos	n/a	=	0.0417	µg/L	EPA 525.2	0.0042	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Mevinphos	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Mevinphos	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Mevinphos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Molinate	n/a	=	4.96	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Molinate	n/a	=	4.86	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Molinate	n/a	=	4.83	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Molinate	n/a	=	5.2	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Molinate	n/a	=	104	%	EPA 525.2	-88	-88	68	125	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Molinate	n/a	=	97	%	EPA 525.2	-88	-88	68	125	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Molinate	n/a	=	97	%	EPA 525.2	-88	-88	68	125	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Molinate	n/a	=	99	%	EPA 525.2	-88	-88	68	125	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Molinate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Molinate	n/a	=	4.66	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Molinate	n/a	=	93	%	EPA 525.2	-88	-88	76	116	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Molinate	n/a	=	4.69	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Molinate	n/a	=	4.82	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Molinate	n/a	=	96	%	EPA 525.2	-88	-88	76	116	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Molinate	n/a	=	94	%	EPA 525.2	-88	-88	76	116	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Molinate	n/a	=	4.84	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Molinate	n/a	=	97	%	EPA 525.2	-88	-88	76	116	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Molinate	n/a	=	5.2	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Molinate	n/a	=	104	%	EPA 525.2	-88	-88	76	116	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Molinate	n/a	<	0.039	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	
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Molinate	n/a	=	5.28	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Molinate	n/a	=	5.21	µg/L	EPA 525.2	0.039	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Molinate	n/a	=	104	%	EPA 525.2	-88	-88	68	125	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Molinate	n/a	=	106	%	EPA 525.2	-88	-88	68	125	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Molinate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Naled	n/a	=	0.0038	µg/L	EPA 525.2	-88	-88			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Naled	n/a	=	0.0025	µg/L	EPA 525.2	-88	-88			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Naled	n/a	=	5	%	EPA 525.2	-88	-88	5	150	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Naled	n/a	=	8	%	EPA 525.2	-88	-88	5	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Naled	n/a	=	200	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Naled	n/a	=	0.0249	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Naled	n/a	=	0.025	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Naled	n/a	=	50	%	EPA 525.2	-88	-88	5	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Naled	n/a	=	50	%	EPA 525.2	-88	-88	5	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Naled	n/a	=	0.4	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Naled	n/a	=	0.0597	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Naled	n/a	=	119	%	EPA 525.2	-88	-88	5	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Naled	n/a	=	0.279	µg/L	EPA 525.2	0.0076	0.01			EUM
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Naled	n/a	=	558	%	EPA 525.2	-88	-88	5	150	EUM
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Naled	n/a	=	0.126	µg/L	EPA 525.2	0.0076	0.01			EUM
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Naled	n/a	=	251	%	EPA 525.2	-88	-88	5	150	EUM
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Naled	n/a	=	0.084	µg/L	EPA 525.2	0.0076	0.01			GB
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Naled	n/a	=	0.0451	µg/L	EPA 525.2	0.0076	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Naled	n/a	=	90	%	EPA 525.2	-88	-88	5	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Naled	n/a	=	168	%	EPA 525.2	-88	-88	5	150	GB
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Naled	n/a	=	60	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	Lab	LCS	4/28/2012	Pesticide	Pentachlorophenol	n/a	=	2.86	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	Pentachlorophenol	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	3.25	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	Pentachlorophenol	n/a	=	3.17	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	Pentachlorophenol	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	Pentachlorophenol	n/a	=	3.1	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	Pentachlorophenol	n/a	=	3.14	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	Pentachlorophenol	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	Pentachlorophenol	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	3.28	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	3.37	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	82	%	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	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	Pentachlorophenol	n/a	=	2.81	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	Pentachlorophenol	n/a	=	2.8	µg/L	EPA 515.3	0.04	0.2			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	Pentachlorophenol	n/a	=	70	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	Pentachlorophenol	n/a	=	70	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	Pentachlorophenol	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	2.69	µg/L	EPA 515.3	0.04	0.2			GB
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	2.56	µg/L	EPA 515.3	0.04	0.2			GB
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	64	%	EPA 515.3	-88	-88	70	130	GB
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	67	%	EPA 515.3	-88	-88	70	130	GB
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	Pentachlorophenol	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Phorate	n/a	=	0.0355	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Phorate	n/a	=	0.0341	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Phorate	n/a	=	68	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Phorate	n/a	=	71	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Phorate	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Phorate	n/a	=	0.0518	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Phorate	n/a	=	0.0512	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Phorate	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Phorate	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Phorate	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Phorate	n/a	=	0.0576	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Phorate	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Phorate	n/a	=	0.0512	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Phorate	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Phorate	n/a	=	0.0585	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Phorate	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Phorate	n/a	=	0.0526	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Phorate	n/a	=	0.048	µg/L	EPA 525.2	0.003	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Phorate	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Phorate	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Phorate	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	4/28/2012	Pesticide	Picloram	n/a	=	2.85	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	Lab	LCS, rec	4/28/2012	Pesticide	Picloram	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	4/28/2012	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	Lab	LCS	6/4/2012	Pesticide	Picloram	n/a	=	3.07	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	Lab	LCS, rec	6/4/2012	Pesticide	Picloram	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/4/2012	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	Lab	LCS	6/5/2012	Pesticide	Picloram	n/a	=	3.15	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	Lab	LCS, rec	6/5/2012	Pesticide	Picloram	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2011/12-4	Lab	method blank	6/5/2012	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	ME-CC	matrix spike	6/5/2012	Pesticide	Picloram	n/a	=	3.05	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	ME-CC	matrix spike dup	6/5/2012	Pesticide	Picloram	n/a	=	3.08	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	ME-CC	matrix spike dup, rec	6/5/2012	Pesticide	Picloram	n/a	=	77	%	EPA 515.3	-88	-88	70	130	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	ME-CC	matrix spike, rec	6/5/2012	Pesticide	Picloram	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-CC	matrix spike, RPD	6/5/2012	Pesticide	Picloram	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-SCR	matrix spike	6/4/2012	Pesticide	Picloram	n/a	=	3.06	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	ME-SCR	matrix spike dup	6/4/2012	Pesticide	Picloram	n/a	=	3.12	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	ME-SCR	matrix spike dup, rec	6/4/2012	Pesticide	Picloram	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, rec	6/4/2012	Pesticide	Picloram	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-SCR	matrix spike, RPD	6/4/2012	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	ME-VR2	matrix spike	4/28/2012	Pesticide	Picloram	n/a	=	2.9	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	ME-VR2	matrix spike dup	4/28/2012	Pesticide	Picloram	n/a	=	2.89	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	ME-VR2	matrix spike dup, rec	4/28/2012	Pesticide	Picloram	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, rec	4/28/2012	Pesticide	Picloram	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2011/12-4	ME-VR2	matrix spike, RPD	4/28/2012	Pesticide	Picloram	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2011/12-4	MO-VEN	matrix spike	6/4/2012	Pesticide	Picloram	n/a	=	3.01	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	MO-VEN	matrix spike dup	6/4/2012	Pesticide	Picloram	n/a	=	2.95	µg/L	EPA 515.3	0.05	0.6			
2011/12-4	MO-VEN	matrix spike dup, rec	6/4/2012	Pesticide	Picloram	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, rec	6/4/2012	Pesticide	Picloram	n/a	=	75	%	EPA 515.3	-88	-88	70	130	
2011/12-4	MO-VEN	matrix spike, RPD	6/4/2012	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Prometon	n/a	=	4.19	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Prometon	n/a	=	3.17	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Prometon	n/a	=	3.19	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Prometon	n/a	=	2.91	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Prometon	n/a	=	64	%	EPA 525.2	-88	-88	5	148	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Prometon	n/a	=	58	%	EPA 525.2	-88	-88	5	148	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Prometon	n/a	=	63	%	EPA 525.2	-88	-88	5	148	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Prometon	n/a	=	84	%	EPA 525.2	-88	-88	5	148	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Prometon	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Prometon	n/a	=	36	%	EPA 525.2	-88	-88	0	30	IL
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Prometon	n/a	=	3.29	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Prometon	n/a	=	66	%	EPA 525.2	-88	-88	6	110	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Prometon	n/a	=	3.54	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Prometon	n/a	=	3.82	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Prometon	n/a	=	76	%	EPA 525.2	-88	-88	6	110	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Prometon	n/a	=	71	%	EPA 525.2	-88	-88	6	110	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Prometon	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Prometon	n/a	=	3.16	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Prometon	n/a	=	63	%	EPA 525.2	-88	-88	6	110	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Prometon	n/a	=	3.19	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Prometon	n/a	=	64	%	EPA 525.2	-88	-88	6	110	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Prometon	n/a	=	3.34	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Prometon	n/a	=	3.31	µg/L	EPA 525.2	0.024	0.2			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Prometon	n/a	=	66	%	EPA 525.2	-88	-88	5	148	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Prometon	n/a	=	67	%	EPA 525.2	-88	-88	5	148	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Prometon	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Prometryn	n/a	=	5.07	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Prometryn	n/a	=	3.9	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Prometryn	n/a	=	4.32	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Prometryn	n/a	=	4.33	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Prometryn	n/a	=	87	%	EPA 525.2	-88	-88	44	169	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Prometryn	n/a	=	86	%	EPA 525.2	-88	-88	44	169	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Prometryn	n/a	=	101	%	EPA 525.2	-88	-88	44	169	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Prometryn	n/a	=	78	%	EPA 525.2	-88	-88	44	169	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Prometryn	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Prometryn	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Prometryn	n/a	=	3.92	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Prometryn	n/a	=	78	%	EPA 525.2	-88	-88	34	152	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Prometryn	n/a	=	4	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Prometryn	n/a	=	4.17	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Prometryn	n/a	=	83	%	EPA 525.2	-88	-88	34	152	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Prometryn	n/a	=	80	%	EPA 525.2	-88	-88	34	152	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Prometryn	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Prometryn	n/a	=	4.39	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Prometryn	n/a	=	88	%	EPA 525.2	-88	-88	34	152	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Prometryn	n/a	=	4.33	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Prometryn	n/a	=	87	%	EPA 525.2	-88	-88	34	152	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Prometryn	n/a	=	4.12	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Prometryn	n/a	=	3.74	µg/L	EPA 525.2	0.036	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Prometryn	n/a	=	75	%	EPA 525.2	-88	-88	44	169	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Prometryn	n/a	=	82	%	EPA 525.2	-88	-88	44	169	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Prometryn	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0236	µg/L	EPA 525.2	0.0041	0.01			GB
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0219	µg/L	EPA 525.2	0.0041	0.01			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	44	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	47	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0392	µg/L	EPA 525.2	0.0041	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0386	µg/L	EPA 525.2	0.0041	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	77	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0451	µg/L	EPA 525.2	0.0041	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0435	µg/L	EPA 525.2	0.0041	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0505	µg/L	EPA 525.2	0.0041	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	
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0405	µg/L	EPA 525.2	0.0041	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0372	µg/L	EPA 525.2	0.0041	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	74	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	81	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Simazine	n/a	=	4	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Simazine	n/a	=	3.51	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Simazine	n/a	=	4.45	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Simazine	n/a	=	3.74	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Simazine	n/a	=	89	%	EPA 525.2	-88	-88	53	152	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Simazine	n/a	=	75	%	EPA 525.2	-88	-88	53	152	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Simazine	n/a	=	70	%	EPA 525.2	-88	-88	53	152	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Simazine	n/a	=	80	%	EPA 525.2	-88	-88	53	152	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Simazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Simazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Simazine	n/a	=	3.71	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Simazine	n/a	=	74	%	EPA 525.2	-88	-88	54	156	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Simazine	n/a	=	3.84	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Simazine	n/a	=	3.94	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Simazine	n/a	=	79	%	EPA 525.2	-88	-88	54	156	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Simazine	n/a	=	77	%	EPA 525.2	-88	-88	54	156	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Simazine	n/a	=	3.7	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Simazine	n/a	=	74	%	EPA 525.2	-88	-88	54	156	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Simazine	n/a	=	3.74	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Simazine	n/a	=	75	%	EPA 525.2	-88	-88	54	156	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Simazine	n/a	=	3.95	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Simazine	n/a	=	3.34	µg/L	EPA 525.2	0.015	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Simazine	n/a	=	67	%	EPA 525.2	-88	-88	53	152	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Simazine	n/a	=	79	%	EPA 525.2	-88	-88	53	152	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Simazine	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0032	µg/L	EPA 525.2	-88	-88			GB
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0019	µg/L	EPA 525.2	-88	-88			GB
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	4	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	6	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	48	%	EPA 525.2	-88	-88	0	25	IL
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0319	µg/L	EPA 525.2	0.0031	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0276	µg/L	EPA 525.2	0.0031	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	55	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	64	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	15	%	EPA 525.2	-88	-88	0	25	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0374	µg/L	EPA 525.2	0.0031	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	75	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0357	µg/L	EPA 525.2	0.0031	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	71	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0445	µg/L	EPA 525.2	0.0031	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0222	µg/L	EPA 525.2	0.0031	0.01			GB
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0173	µg/L	EPA 525.2	0.0031	0.01			GB
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	35	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	44	%	EPA 525.2	-88	-88	50	150	GB
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	25	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Terbacil	n/a	=	4.63	µg/L	EPA 525.2	0.55	2			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Terbacil	n/a	=	4.88	µg/L	EPA 525.2	0.55	2			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Terbacil	n/a	=	5.05	µg/L	EPA 525.2	0.55	2			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Terbacil	n/a	=	5.21	µg/L	EPA 525.2	0.55	2			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Terbacil	n/a	=	104	%	EPA 525.2	-88	-88	56	159	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Terbacil	n/a	=	101	%	EPA 525.2	-88	-88	56	159	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Terbacil	n/a	=	98	%	EPA 525.2	-88	-88	56	159	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Terbacil	n/a	=	93	%	EPA 525.2	-88	-88	56	159	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Terbacil	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Terbacil	n/a	=	5.65	µg/L	EPA 525.2	0.55	2			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	66	140	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Terbacil	n/a	=	5.16	µg/L	EPA 525.2	0.55	2			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Terbacil	n/a	=	5.13	µg/L	EPA 525.2	0.55	2			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Terbacil	n/a	=	103	%	EPA 525.2	-88	-88	66	140	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Terbacil	n/a	=	103	%	EPA 525.2	-88	-88	66	140	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Terbacil	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Terbacil	n/a	=	4.77	µg/L	EPA 525.2	0.55	2			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Terbacil	n/a	=	95	%	EPA 525.2	-88	-88	66	140	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Terbacil	n/a	=	5.21	µg/L	EPA 525.2	0.55	2			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Terbacil	n/a	=	104	%	EPA 525.2	-88	-88	66	140	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Terbacil	n/a	=	5.84	µg/L	EPA 525.2	0.55	2			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Terbacil	n/a	=	5.72	µg/L	EPA 525.2	0.55	2			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Terbacil	n/a	=	114	%	EPA 525.2	-88	-88	56	159	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Terbacil	n/a	=	117	%	EPA 525.2	-88	-88	56	159	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Thiobencarb	n/a	=	3.69	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Thiobencarb	n/a	=	4.14	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Thiobencarb	n/a	=	4.34	µg/L	EPA 525.2	0.025	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	
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Thiobencarb	n/a	=	4.2	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Thiobencarb	n/a	=	84	%	EPA 525.2	-88	-88	71	160	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Thiobencarb	n/a	=	87	%	EPA 525.2	-88	-88	71	160	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Thiobencarb	n/a	=	74	%	EPA 525.2	-88	-88	71	160	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Thiobencarb	n/a	=	83	%	EPA 525.2	-88	-88	71	160	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Thiobencarb	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Thiobencarb	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Thiobencarb	n/a	=	4	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Thiobencarb	n/a	=	80	%	EPA 525.2	-88	-88	57	162	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Thiobencarb	n/a	=	3.91	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Thiobencarb	n/a	=	4.01	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Thiobencarb	n/a	=	80	%	EPA 525.2	-88	-88	57	162	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Thiobencarb	n/a	=	78	%	EPA 525.2	-88	-88	57	162	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Thiobencarb	n/a	=	4.16	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Thiobencarb	n/a	=	83	%	EPA 525.2	-88	-88	57	162	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Thiobencarb	n/a	=	4.2	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Thiobencarb	n/a	=	84	%	EPA 525.2	-88	-88	57	162	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Thiobencarb	n/a	=	4.16	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Thiobencarb	n/a	=	3.79	µg/L	EPA 525.2	0.025	0.2			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Thiobencarb	n/a	=	76	%	EPA 525.2	-88	-88	71	160	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Thiobencarb	n/a	=	83	%	EPA 525.2	-88	-88	71	160	
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Thiobencarb	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Tokuthion	n/a	=	0.0286	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Tokuthion	n/a	=	0.0321	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Tokuthion	n/a	=	64	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Tokuthion	n/a	=	57	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Tokuthion	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Tokuthion	n/a	=	0.0443	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Tokuthion	n/a	=	0.0527	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Tokuthion	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Tokuthion	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Tokuthion	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Tokuthion	n/a	=	0.0513	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Tokuthion	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Tokuthion	n/a	=	0.0462	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Tokuthion	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Tokuthion	n/a	=	0.0506	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Tokuthion	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Tokuthion	n/a	=	0.0446	µg/L	EPA 525.2	0.0078	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Tokuthion	n/a	=	0.0493	µg/L	EPA 525.2	0.0078	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Tokuthion	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Tokuthion	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Tokuthion	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	method blank	5/5/2012	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2011/12-4	Lab	method blank	5/10/2012	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2011/12-4	Lab	method blank	5/30/2012	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2011/12-4	000NONPJ	matrix spike	6/6/2012	Pesticide	Trichloronate	n/a	=	0.0341	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/6/2012	Pesticide	Trichloronate	n/a	=	0.0366	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/6/2012	Pesticide	Trichloronate	n/a	=	73	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/6/2012	Pesticide	Trichloronate	n/a	=	68	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/6/2012	Pesticide	Trichloronate	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/8/2012	Pesticide	Trichloronate	n/a	=	0.0438	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	000NONPJ	matrix spike dup	6/8/2012	Pesticide	Trichloronate	n/a	=	0.0473	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	000NONPJ	matrix spike dup, rec	6/8/2012	Pesticide	Trichloronate	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, rec	6/8/2012	Pesticide	Trichloronate	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2011/12-4	000NONPJ	matrix spike, RPD	6/8/2012	Pesticide	Trichloronate	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2011/12-4	Lab	LCS	5/3/2012	Pesticide	Trichloronate	n/a	=	0.0487	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	Lab	LCS, rec	5/3/2012	Pesticide	Trichloronate	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	5/3/2012	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	Lab	LCS	6/6/2012	Pesticide	Trichloronate	n/a	=	0.0398	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	Lab	LCS, rec	6/6/2012	Pesticide	Trichloronate	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/6/2012	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	Lab	LCS	6/8/2012	Pesticide	Trichloronate	n/a	=	0.0449	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	Lab	LCS, rec	6/8/2012	Pesticide	Trichloronate	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2011/12-4	Lab	method blank	6/8/2012	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	MO-OJA	matrix spike	5/3/2012	Pesticide	Trichloronate	n/a	=	0.0429	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	MO-OJA	matrix spike dup	5/3/2012	Pesticide	Trichloronate	n/a	=	0.0445	µg/L	EPA 525.2	0.0067	0.01			
2011/12-4	MO-OJA	matrix spike dup, rec	5/3/2012	Pesticide	Trichloronate	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, rec	5/3/2012	Pesticide	Trichloronate	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2011/12-4	MO-OJA	matrix spike, RPD	5/3/2012	Pesticide	Trichloronate	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Trithion	n/a	=	3.96	µg/L	EPA 525.2	0.012	0.1			GB
2011/12-4	000NONPJ	matrix spike	6/2/2012	Pesticide	Trithion	n/a	=	4.39	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Trithion	n/a	=	4.46	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	000NONPJ	matrix spike dup	6/2/2012	Pesticide	Trithion	n/a	=	4.52	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Trithion	n/a	=	90	%	EPA 525.2	-88	-88	86	144	
2011/12-4	000NONPJ	matrix spike dup, rec	6/2/2012	Pesticide	Trithion	n/a	=	89	%	EPA 525.2	-88	-88	86	144	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	86	144	
2011/12-4	000NONPJ	matrix spike, rec	6/2/2012	Pesticide	Trithion	n/a	=	79	%	EPA 525.2	-88	-88	86	144	GB
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Trithion	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2011/12-4	000NONPJ	matrix spike, RPD	6/2/2012	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	LCS	5/2/2012	Pesticide	Trithion	n/a	=	4.26	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS, rec	5/2/2012	Pesticide	Trithion	n/a	=	85	%	EPA 525.2	-88	-88	62	149	
2011/12-4	Lab	method blank	5/2/2012	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS	5/15/2012	Pesticide	Trithion	n/a	=	4.58	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS dup	5/15/2012	Pesticide	Trithion	n/a	=	4.58	µg/L	EPA 525.2	0.012	0.1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-4	Lab	LCS dup, rec	5/15/2012	Pesticide	Trithion	n/a	=	92	%	EPA 525.2	-88	-88	62	149	
2011/12-4	Lab	LCS, rec	5/15/2012	Pesticide	Trithion	n/a	=	92	%	EPA 525.2	-88	-88	62	149	
2011/12-4	Lab	LCS, RPD	5/15/2012	Pesticide	Trithion	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2011/12-4	Lab	method blank	5/15/2012	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS	6/1/2012	Pesticide	Trithion	n/a	=	4.44	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS, rec	6/1/2012	Pesticide	Trithion	n/a	=	89	%	EPA 525.2	-88	-88	62	149	
2011/12-4	Lab	method blank	6/1/2012	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS	6/2/2012	Pesticide	Trithion	n/a	=	4.46	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	Lab	LCS, rec	6/2/2012	Pesticide	Trithion	n/a	=	89	%	EPA 525.2	-88	-88	62	149	
2011/12-4	Lab	method blank	6/2/2012	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	ME-VR2	matrix spike	5/2/2012	Pesticide	Trithion	n/a	=	4.22	µg/L	EPA 525.2	0.012	0.1			GB
2011/12-4	ME-VR2	matrix spike dup	5/2/2012	Pesticide	Trithion	n/a	=	4.51	µg/L	EPA 525.2	0.012	0.1			
2011/12-4	ME-VR2	matrix spike dup, rec	5/2/2012	Pesticide	Trithion	n/a	=	90	%	EPA 525.2	-88	-88	86	144	
2011/12-4	ME-VR2	matrix spike, rec	5/2/2012	Pesticide	Trithion	n/a	=	84	%	EPA 525.2	-88	-88	86	144	GB
2011/12-4	ME-VR2	matrix spike, RPD	5/2/2012	Pesticide	Trithion	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Aluminum	Total	=	20	µg/L	EPA 200.8	0.61	5			IP
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Aluminum	Total	=	62.8	µg/L	EPA 200.8	0.61	5			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Aluminum	Total	=	63.4	µg/L	EPA 200.8	0.61	5			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Aluminum	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Aluminum	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Aluminum	Total	=	45.1	µg/L	EPA 200.8	0.61	5			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Aluminum	Total	=	90	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Aluminum	Total	DNQ	0.858	µg/L	EPA 200.8	0.61	5			IP
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Aluminum	Total	=	7.1	µg/L	EPA 200.8	0.61	5			IP
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Antimony	Total	=	48.8	µg/L	EPA 200.8	0.04	0.5			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Antimony	Total	=	49.9	µg/L	EPA 200.8	0.04	0.5			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Antimony	Total	=	49.4	µg/L	EPA 200.8	0.04	0.5			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Arsenic	Total	=	47.2	µg/L	EPA 200.8	0.036	0.4			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Arsenic	Total	=	47	µg/L	EPA 200.8	0.036	0.4			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Arsenic	Total	=	50.3	µg/L	EPA 200.8	0.036	0.4			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Beryllium	Total	=	49.6	µg/L	EPA 200.8	0.088	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	
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Beryllium	Total	=	50.3	µg/L	EPA 200.8	0.088	0.1			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Beryllium	Total	=	50.8	µg/L	EPA 200.8	0.088	0.1			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.02	0.1			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.02	0.1			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Cadmium	Total	=	50	µg/L	EPA 200.8	0.02	0.1			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Chromium	Total	=	51.1	µg/L	EPA 200.8	0.074	0.2			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Chromium	Total	=	50.1	µg/L	EPA 200.8	0.074	0.2			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Chromium	Total	=	50.2	µg/L	EPA 200.8	0.074	0.2			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Chromium	Total	DNQ	0.089	µg/L	EPA 200.8	0.074	0.2			IP
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Copper	Total	DNQ	0.39	µg/L	EPA 200.8	0.27	0.5			IP
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Copper	Total	=	52.7	µg/L	EPA 200.8	0.27	0.5			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Copper	Total	=	51.6	µg/L	EPA 200.8	0.27	0.5			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Copper	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Copper	Total	=	52.2	µg/L	EPA 200.8	0.27	0.5			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Copper	Total	=	0.65	µg/L	EPA 200.8	0.27	0.5			IP
2011/12-PRE	000NONPJ	matrix spike	9/1/2011	Metal	Iron	Total	=	245	µg/L	EPA 200.7	1.1	10			
2011/12-PRE	000NONPJ	matrix spike dup	9/1/2011	Metal	Iron	Total	=	243	µg/L	EPA 200.7	1.1	10			
2011/12-PRE	000NONPJ	matrix spike dup, rec	9/1/2011	Metal	Iron	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2011/12-PRE	000NONPJ	matrix spike, rec	9/1/2011	Metal	Iron	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2011/12-PRE	000NONPJ	matrix spike, RPD	9/1/2011	Metal	Iron	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2011/12-PRE	Carboy Blank	equip blank	9/1/2011	Metal	Iron	Total	DNQ	3.1	µg/L	EPA 200.7	1.1	10			IP
2011/12-PRE	Lab	LCS	9/1/2011	Metal	Iron	Total	=	221	µg/L	EPA 200.7	1.1	10			
2011/12-PRE	Lab	LCS, rec	9/1/2011	Metal	Iron	Total	=	111	%	EPA 200.7	-88	-88	85	115	
2011/12-PRE	Lab	method blank	9/1/2011	Metal	Iron	Total	DNQ	3.79	µg/L	EPA 200.7	1.1	10			IP

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	bing Blank (distille	equip blank	9/1/2011	Metal	Iron	Total	DNQ	4.2	µg/L	EPA 200.7	1.1	10			IP
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Lead	Total	DNQ	0.037	µg/L	EPA 200.8	0.011	0.2			IP
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Lead	Total	=	49.4	µg/L	EPA 200.8	0.011	0.2			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Lead	Total	=	49.5	µg/L	EPA 200.8	0.011	0.2			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Lead	Total	=	48.9	µg/L	EPA 200.8	0.011	0.2			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Lead	Total	DNQ	0.02	µg/L	EPA 200.8	0.011	0.2			IP
2011/12-PRE	000NONPJ	matrix spike	9/1/2011	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	3.9	50			
2011/12-PRE	000NONPJ	matrix spike	9/1/2011	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2011/12-PRE	000NONPJ	matrix spike dup	9/1/2011	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	3.9	50			
2011/12-PRE	000NONPJ	matrix spike dup	9/1/2011	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			
2011/12-PRE	000NONPJ	matrix spike dup, rec	9/1/2011	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2011/12-PRE	000NONPJ	matrix spike dup, rec	9/1/2011	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2011/12-PRE	000NONPJ	matrix spike, rec	9/1/2011	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	
2011/12-PRE	000NONPJ	matrix spike, rec	9/1/2011	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2011/12-PRE	000NONPJ	matrix spike, RPD	9/1/2011	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2011/12-PRE	000NONPJ	matrix spike, RPD	9/1/2011	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2011/12-PRE	Carboy Blank	equip blank	9/1/2011	Metal	Mercury	Total	DNQ	23	ng/L	EPA 245.1	3.9	50			IP
2011/12-PRE	Lab	LCS	9/1/2011	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	3.9	50			
2011/12-PRE	Lab	LCS, rec	9/1/2011	Metal	Mercury	Total	=	110	%	EPA 245.1	-88	-88	85	115	
2011/12-PRE	Lab	method blank	9/1/2011	Metal	Mercury	Total	DNQ	22	ng/L	EPA 245.1	3.9	50			IP
2011/12-PRE	bing Blank (distille	equip blank	9/1/2011	Metal	Mercury	Total	DNQ	23	ng/L	EPA 245.1	3.9	50			IP
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Nickel	Total	=	50	µg/L	EPA 200.8	0.13	0.8			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Nickel	Total	=	48.9	µg/L	EPA 200.8	0.13	0.8			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Nickel	Total	=	50.2	µg/L	EPA 200.8	0.13	0.8			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Selenium	Total	=	47.5	µg/L	EPA 200.8	0.28	0.4			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Selenium	Total	=	46.8	µg/L	EPA 200.8	0.28	0.4			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Selenium	Total	=	48.6	µg/L	EPA 200.8	0.28	0.4			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	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	
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Silver	Total	=	49	µg/L	EPA 200.8	0.027	0.2			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Silver	Total	=	49.9	µg/L	EPA 200.8	0.027	0.2			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Silver	Total	=	50	µg/L	EPA 200.8	0.027	0.2			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Thallium	Total	=	48.9	µg/L	EPA 200.8	0.009	0.2			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Thallium	Total	=	49.2	µg/L	EPA 200.8	0.009	0.2			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Thallium	Total	=	48.7	µg/L	EPA 200.8	0.009	0.2			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Metal	Zinc	Total	DNQ	2	µg/L	EPA 200.8	1.1	5			IP
2011/12-PRE	Carboy Blank	matrix spike	8/31/2011	Metal	Zinc	Total	=	55.7	µg/L	EPA 200.8	1.1	5			
2011/12-PRE	Carboy Blank	matrix spike dup	8/31/2011	Metal	Zinc	Total	=	54.6	µg/L	EPA 200.8	1.1	5			
2011/12-PRE	Carboy Blank	matrix spike dup, rec	8/31/2011	Metal	Zinc	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, rec	8/31/2011	Metal	Zinc	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2011/12-PRE	Carboy Blank	matrix spike, RPD	8/31/2011	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2011/12-PRE	Lab	LCS	8/31/2011	Metal	Zinc	Total	=	54.8	µg/L	EPA 200.8	1.1	5			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Metal	Zinc	Total	=	110	%	EPA 200.8	-88	-88	85	115	
2011/12-PRE	Lab	method blank	8/31/2011	Metal	Zinc	Total	DNQ	1.27	µg/L	EPA 200.8	1.1	5			IP
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Metal	Zinc	Total	DNQ	1.7	µg/L	EPA 200.8	1.1	5			IP
2011/12-PRE	000NONPJ	matrix spike	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	5	mg/L	EPA 353.2	0.01	0.1			
2011/12-PRE	000NONPJ	matrix spike	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	4.76	mg/L	EPA 353.2	0.01	0.1			
2011/12-PRE	000NONPJ	matrix spike dup	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	5	mg/L	EPA 353.2	0.01	0.1			
2011/12-PRE	000NONPJ	matrix spike dup	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	4.65	mg/L	EPA 353.2	0.01	0.1			
2011/12-PRE	000NONPJ	matrix spike dup, rec	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2011/12-PRE	000NONPJ	matrix spike dup, rec	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2011/12-PRE	000NONPJ	matrix spike, rec	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2011/12-PRE	000NONPJ	matrix spike, rec	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	109	%	EPA 353.2	-88	-88	90	110	
2011/12-PRE	000NONPJ	matrix spike, RPD	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2011/12-PRE	000NONPJ	matrix spike, RPD	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	0.02	%	EPA 353.2	-88	-88	0	20	
2011/12-PRE	Carboy Blank	equip blank	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.023	mg/L	EPA 353.2	0.01	0.1			IP
2011/12-PRE	Lab	LCS	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	1	mg/L	EPA 353.2	0.01	0.1			
2011/12-PRE	Lab	LCS, rec	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2011/12-PRE	Lab	method blank	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-PRE	bing Blank (distille	equip blank	8/31/2011	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	39.3	µg/L	EPA 625	0.55	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	38.1	µg/L	EPA 625	0.55	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	44	142	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	44	142	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	1,2-Dichlorobenzene	n/a	=	40.2	µg/L	EPA 625	0.57	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	1,2-Dichlorobenzene	n/a	=	38.3	µg/L	EPA 625	0.57	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	32	129	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	1,2-Dichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	32	129	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	1,2-Dichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE	Lab	method blank	9/2/2011	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	1,3-Dichlorobenzene	n/a	=	39.3	µg/L	EPA 625	0.53	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	1,3-Dichlorobenzene	n/a	=	37.2	µg/L	EPA 625	0.53	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	0.1	172	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	1,3-Dichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	0.1	172	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	1,3-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	1,4-Dichlorobenzene	n/a	=	41.3	µg/L	EPA 625	0.55	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	1,4-Dichlorobenzene	n/a	=	39.2	µg/L	EPA 625	0.55	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	1,4-Dichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	20	124	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	1,4-Dichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	20	124	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	1,4-Dichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE	Carboy Blank	srgt equip blank	9/2/2011	Organic	2,4,6-Tribromophenol	n/a	=	72.7	µg/L	EPA 625	-88	-88			
2011/12-PRE	Carboy Blank	srgt equip blank, rec	9/2/2011	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE	Lab	srgt LCS	9/2/2011	Organic	2,4,6-Tribromophenol	n/a	=	94.9	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup	9/2/2011	Organic	2,4,6-Tribromophenol	n/a	=	112	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup, rec	9/2/2011	Organic	2,4,6-Tribromophenol	n/a	=	112	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE	Lab	srgt LCS, rec	9/2/2011	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE	Lab	srgt method blank	9/2/2011	Organic	2,4,6-Tribromophenol	n/a	=	91.4	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt method blank, rec	9/2/2011	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE	bing Blank (distille	srgt equip blank	9/2/2011	Organic	2,4,6-Tribromophenol	n/a	=	79.2	µg/L	EPA 625	-88	-88			
2011/12-PRE	bing Blank (distille	srgt equip blank, rec	9/2/2011	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	2,4,6-Trichlorophenol	n/a	=	46.7	µg/L	EPA 625	0.22	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	2,4,6-Trichlorophenol	n/a	=	47.7	µg/L	EPA 625	0.22	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	2,4,6-Trichlorophenol	n/a	=	95	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	2,4,6-Trichlorophenol	n/a	=	93	%	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	2,4,6-Trichlorophenol	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	2,4-Dichlorophenol	n/a	=	47.5	µg/L	EPA 625	0.26	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	2,4-Dichlorophenol	n/a	=	48.1	µg/L	EPA 625	0.26	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	2,4-Dichlorophenol	n/a	=	96	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	2,4-Dichlorophenol	n/a	=	95	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	2,4-Dichlorophenol	n/a	=	1	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	2,4-Dimethylphenol	n/a	=	41.3	µg/L	EPA 625	0.3	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	2,4-Dimethylphenol	n/a	=	40.8	µg/L	EPA 625	0.3	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	2,4-Dimethylphenol	n/a	=	82	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	2,4-Dimethylphenol	n/a	=	83	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	2,4-Dimethylphenol	n/a	=	1	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	20			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	2,4-Dinitrophenol	n/a	=	57.3	µg/L	EPA 625	1.6	20			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	2,4-Dinitrophenol	n/a	=	59.3	µg/L	EPA 625	1.6	20			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	2,4-Dinitrophenol	n/a	=	119	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	2,4-Dinitrophenol	n/a	=	115	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	2,4-Dinitrophenol	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	20			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	20			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	2,4-Dinitrotoluene	n/a	=	50.5	µg/L	EPA 625	0.18	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	2,4-Dinitrotoluene	n/a	=	52	µg/L	EPA 625	0.18	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	2,4-Dinitrotoluene	n/a	=	104	%	EPA 625	-88	-88	39	139	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	2,4-Dinitrotoluene	n/a	=	101	%	EPA 625	-88	-88	39	139	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	2,4-Dinitrotoluene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	2,6-Dinitrotoluene	n/a	=	41.6	µg/L	EPA 625	0.27	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	2,6-Dinitrotoluene	n/a	=	42.4	µg/L	EPA 625	0.27	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	2,6-Dinitrotoluene	n/a	=	85	%	EPA 625	-88	-88	50	158	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	2,6-Dinitrotoluene	n/a	=	83	%	EPA 625	-88	-88	50	158	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	2-Chloronaphthalene	n/a	=	44.3	µg/L	EPA 625	0.45	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	2-Chloronaphthalene	n/a	=	43.4	µg/L	EPA 625	0.45	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	2-Chloronaphthalene	n/a	=	87	%	EPA 625	-88	-88	60	118	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	2-Chloronaphthalene	n/a	=	89	%	EPA 625	-88	-88	60	118	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	2-Chloronaphthalene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	2-Chlorophenol	n/a	=	42.6	µg/L	EPA 625	0.28	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	2-Chlorophenol	n/a	=	42.3	µg/L	EPA 625	0.28	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	2-Chlorophenol	n/a	=	85	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	2-Chlorophenol	n/a	=	85	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	2-Chlorophenol	n/a	=	0.7	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2011/12-PRE	Carboy Blank	srgt equip blank	9/2/2011	Organic	2-Fluorobiphenyl	n/a	=	32	µg/L	EPA 625	-88	-88			
2011/12-PRE	Carboy Blank	srgt equip blank, rec	9/2/2011	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	130	
2011/12-PRE	Lab	srgt LCS	9/2/2011	Organic	2-Fluorobiphenyl	n/a	=	41	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup	9/2/2011	Organic	2-Fluorobiphenyl	n/a	=	47.8	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup, rec	9/2/2011	Organic	2-Fluorobiphenyl	n/a	=	96	%	EPA 625	-88	-88	22	130	
2011/12-PRE	Lab	srgt LCS, rec	9/2/2011	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625	-88	-88	22	130	
2011/12-PRE	Lab	srgt method blank	9/2/2011	Organic	2-Fluorobiphenyl	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt method blank, rec	9/2/2011	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	130	
2011/12-PRE	bing Blank (distille	srgt equip blank	9/2/2011	Organic	2-Fluorobiphenyl	n/a	=	34.6	µg/L	EPA 625	-88	-88			
2011/12-PRE	bing Blank (distille	srgt equip blank, rec	9/2/2011	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	130	
2011/12-PRE	Carboy Blank	srgt equip blank	9/2/2011	Organic	2-Fluorophenol	n/a	=	60.2	µg/L	EPA 625	-88	-88			
2011/12-PRE	Carboy Blank	srgt equip blank, rec	9/2/2011	Organic	2-Fluorophenol	n/a	=	63	%	EPA 625	-88	-88	6	96	
2011/12-PRE	Lab	srgt LCS	9/2/2011	Organic	2-Fluorophenol	n/a	=	66.1	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup	9/2/2011	Organic	2-Fluorophenol	n/a	=	76.4	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup, rec	9/2/2011	Organic	2-Fluorophenol	n/a	=	76	%	EPA 625	-88	-88	6	96	
2011/12-PRE	Lab	srgt LCS, rec	9/2/2011	Organic	2-Fluorophenol	n/a	=	66	%	EPA 625	-88	-88	6	96	
2011/12-PRE	Lab	srgt method blank	9/2/2011	Organic	2-Fluorophenol	n/a	=	68.9	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt method blank, rec	9/2/2011	Organic	2-Fluorophenol	n/a	=	69	%	EPA 625	-88	-88	6	96	
2011/12-PRE	bing Blank (distille	srgt equip blank	9/2/2011	Organic	2-Fluorophenol	n/a	=	59.9	µg/L	EPA 625	-88	-88			
2011/12-PRE	bing Blank (distille	srgt equip blank, rec	9/2/2011	Organic	2-Fluorophenol	n/a	=	60	%	EPA 625	-88	-88	6	96	
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	2-Nitrophenol	n/a	=	47.3	µg/L	EPA 625	0.26	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	2-Nitrophenol	n/a	=	47.2	µg/L	EPA 625	0.26	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	2-Nitrophenol	n/a	=	94	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	2-Nitrophenol	n/a	=	95	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	2-Nitrophenol	n/a	=	0.2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	41.9	µg/L	EPA 625	1.2	5			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	43.6	µg/L	EPA 625	1.2	5			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	87	%	EPA 625	-88	-88	0.1	262	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	84	%	EPA 625	-88	-88	0.1	262	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	48.5	µg/L	EPA 625	1.7	5			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	49.3	µg/L	EPA 625	1.7	5			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	99	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	41.7	µg/L	EPA 625	0.36	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	43.3	µg/L	EPA 625	0.36	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	87	%	EPA 625	-88	-88	56	127	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	83	%	EPA 625	-88	-88	56	127	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	4-Chloro-3-methylphenol	n/a	=	47.9	µg/L	EPA 625	0.23	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	4-Chloro-3-methylphenol	n/a	=	48.8	µg/L	EPA 625	0.23	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	4-Chloro-3-methylphenol	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	4-Chloro-3-methylphenol	n/a	=	96	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	45.8	µg/L	EPA 625	0.41	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	45.8	µg/L	EPA 625	0.41	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	92	%	EPA 625	-88	-88	25	158	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	92	%	EPA 625	-88	-88	25	158	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	4-Nitrophenol	n/a	=	20.1	µg/L	EPA 625	0.45	5			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	4-Nitrophenol	n/a	=	20.9	µg/L	EPA 625	0.45	5			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	4-Nitrophenol	n/a	=	42	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	4-Nitrophenol	n/a	=	40	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	4-Nitrophenol	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Acenaphthene	n/a	=	44.7	µg/L	EPA 625	0.38	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Acenaphthene	n/a	=	45.5	µg/L	EPA 625	0.38	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Acenaphthene	n/a	=	91	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Acenaphthene	n/a	=	89	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Acenaphthene	n/a	=	2	%	EPA 625	-88	-88	0		

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Acenaphthylene	n/a	=	43	µg/L	EPA 625	0.4	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Acenaphthylene	n/a	=	42.1	µg/L	EPA 625	0.4	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Acenaphthylene	n/a	=	84	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Acenaphthylene	n/a	=	86	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Acenaphthylene	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Anthracene	n/a	=	48.4	µg/L	EPA 625	0.34	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Anthracene	n/a	=	50.6	µg/L	EPA 625	0.34	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Anthracene	n/a	=	101	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Anthracene	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Anthracene	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Benz(a)anthracene	n/a	=	44.8	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Benz(a)anthracene	n/a	=	47.4	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Benz(a)anthracene	n/a	=	95	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Benz(a)anthracene	n/a	=	90	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Benzo(a)pyrene	n/a	=	37.4	µg/L	EPA 625	0.13	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Benzo(a)pyrene	n/a	=	37.5	µg/L	EPA 625	0.13	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Benzo(a)pyrene	n/a	=	75	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Benzo(a)pyrene	n/a	=	75	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Benzo(a)pyrene	n/a	=	0.2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Benzo(b)fluoranthene	n/a	=	38.8	µg/L	EPA 625	0.14	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Benzo(b)fluoranthene	n/a	=	41.6	µg/L	EPA 625	0.14	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Benzo(b)fluoranthene	n/a	=	83	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Benzo(b)fluoranthene	n/a	=	78	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Benzo(b)fluoranthene	n/a	=	7	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Benzo(g,h,i)perylene	n/a	=	24.9	µg/L	EPA 625	0.1	2			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Benzo(g,h,i)perylene	n/a	=	24.5	µg/L	EPA 625	0.1	2			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Benzo(g,h,i)perylene	n/a	=	49	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Benzo(g,h,i)perylene	n/a	=	50	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Benzo(k)fluoranthene	n/a	=	42.2	µg/L	EPA 625	0.22	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Benzo(k)fluoranthene	n/a	=	42	µg/L	EPA 625	0.22	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Benzo(k)fluoranthene	n/a	=	0.5	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	51.1	µg/L	EPA 625	0.25	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	51.4	µg/L	EPA 625	0.25	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	103	%	EPA 625	-88	-88	33	184	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	102	%	EPA 625	-88	-88	33	184	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	46.2	µg/L	EPA 625	0.27	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	46.5	µg/L	EPA 625	0.27	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	93	%	EPA 625	-88	-88	12	158	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	92	%	EPA 625	-88	-88	12	158	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	70.8	µg/L	EPA 625	0.38	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	76.7	µg/L	EPA 625	0.38	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	153	%	EPA 625	-88	-88	36	166	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	142	%	EPA 625	-88	-88	36	166	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	47.6	µg/L	EPA 625	2.3	5			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	50.3	µg/L	EPA 625	2.3	5			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	101	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	95	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Butyl benzyl phthalate	n/a	=	48.9	µg/L	EPA 625	0.18	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Butyl benzyl phthalate	n/a	=	52.1	µg/L	EPA 625	0.18	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Butyl benzyl phthalate	n/a	=	104	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Butyl benzyl phthalate	n/a	=	98	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Butyl benzyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Chrysene	n/a	=	50	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Chrysene	n/a	=	51.7	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Chrysene	n/a	=	103	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Chrysene	n/a	=	100	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Chrysene	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Dibenz(a,h)anthracene	n/a	=	29	µg/L	EPA 625	0.08	2			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Dibenz(a,h)anthracene	n/a	=	29.4	µg/L	EPA 625	0.08	2			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Dibenz(a,h)anthracene	n/a	=	59	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Dibenz(a,h)anthracene	n/a	=	58	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Diethyl phthalate	n/a	=	45.6	µg/L	EPA 625	0.15	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Diethyl phthalate	n/a	=	54.2	µg/L	EPA 625	0.15	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Diethyl phthalate	n/a	=	108	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Diethyl phthalate	n/a	=	91	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Diethyl phthalate	n/a	=	17	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Diethyl phthalate	n/a	=	5.7	µg/L	EPA 625	0.15	1			IP
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Dimethyl phthalate	n/a	=	38.3	µg/L	EPA 625	0.18	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Dimethyl phthalate	n/a	=	32.9	µg/L	EPA 625	0.18	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Dimethyl phthalate	n/a	=	66	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Dimethyl phthalate	n/a	=	77	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Dimethyl phthalate	n/a	=	15	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Di-n-butylphthalate	n/a	=	44.2	µg/L	EPA 625	0.24	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Di-n-butylphthalate	n/a	=	47.1	µg/L	EPA 625	0.24	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Di-n-butylphthalate	n/a	=	94	%	EPA 625	-88	-88	1	118	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Di-n-butylphthalate	n/a	=	88	%	EPA 625	-88	-88	1	118	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Di-n-butylphthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Di-n-octylphthalate	n/a	=	50	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Di-n-octylphthalate	n/a	=	51	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Di-n-octylphthalate	n/a	=	102	%	EPA 625	-88	-88	6	146	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Di-n-octylphthalate	n/a	=	100	%	EPA 625	-88	-88	6	146	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Fluoranthene	n/a	=	54	µg/L	EPA 625	0.22	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Fluoranthene	n/a	=	56.5	µg/L	EPA 625	0.22	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Fluoranthene	n/a	=	113	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Fluoranthene	n/a	=	108	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Fluoranthene	n/a	=	5	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Fluorene	n/a	=	48.6	µg/L	EPA 625	0.35	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Fluorene	n/a	=	49.4	µg/L	EPA 625	0.35	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Fluorene	n/a	=	99	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Fluorene	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Fluorene	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Hexachlorobenzene	n/a	=	41.4	µg/L	EPA 625	0.49	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Hexachlorobenzene	n/a	=	41.5	µg/L	EPA 625	0.49	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Hexachlorobenzene	n/a	=	83	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Hexachlorobenzene	n/a	=	83	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Hexachlorobenzene	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Hexachlorobutadiene	n/a	=	42.4	µg/L	EPA 625	0.47	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Hexachlorobutadiene	n/a	=	41.3	µg/L	EPA 625	0.47	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Hexachlorobutadiene	n/a	=	83	%	EPA 625	-88	-88	24	116	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Hexachlorobutadiene	n/a	=	85	%	EPA 625	-88	-88	24	116	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Hexachlorobutadiene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Hexachlorocyclopentadiene	n/a	=	8.82	µg/L	EPA 625	1.5	5			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Hexachlorocyclopentadiene	n/a	=	9.84	µg/L	EPA 625	1.5	5			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Hexachlorocyclopentadiene	n/a	=	20	%	EPA 625	-88	-88	0.1	136	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Hexachlorocyclopentadiene	n/a	=	18	%	EPA 625	-88	-88	0.1	136	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Hexachlorocyclopentadiene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Hexachloroethane	n/a	=	36	µg/L	EPA 625	0.52	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Hexachloroethane	n/a	=	34.4	µg/L	EPA 625	0.52	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Hexachloroethane	n/a	=	69	%	EPA 625	-88	-88	40	113	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Hexachloroethane	n/a	=	72	%	EPA 625	-88	-88	40	113	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Hexachloroethane	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	25.6	µg/L	EPA 625	0.12	2			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	26	µg/L	EPA 625	0.12	2			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	52	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	51	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Isophorone	n/a	=	41.5	µg/L	EPA 625	0.21	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Isophorone	n/a	=	41.2	µg/L	EPA 625	0.21	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Isophorone	n/a	=	82	%	EPA 625	-88	-88	21	196	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Isophorone	n/a	=	83	%	EPA 625	-88	-88	21	196	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Isophorone	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Naphthalene	n/a	=	42.6	µg/L	EPA 625	0.49	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Naphthalene	n/a	=	41.6	µg/L	EPA 625	0.49	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Naphthalene	n/a	=	83	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Naphthalene	n/a	=	85	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Naphthalene	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Nitrobenzene	n/a	=	47.7	µg/L	EPA 625	0.36	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Nitrobenzene	n/a	=	48.6	µg/L	EPA 625	0.36	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Nitrobenzene	n/a	=	97	%	EPA 625	-88	-88	35	180	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Nitrobenzene	n/a	=	95	%	EPA 625	-88	-88	35	180	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Nitrobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE	Carboy Blank	srgt equip blank	9/2/2011	Organic	Nitrobenzene-d5	n/a	=	43.7	µg/L	EPA 625	-88	-88			
2011/12-PRE	Carboy Blank	srgt equip blank, rec	9/2/2011	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 625	-88	-88	34	139	
2011/12-PRE	Lab	srgt LCS	9/2/2011	Organic	Nitrobenzene-d5	n/a	=	50.6	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup	9/2/2011	Organic	Nitrobenzene-d5	n/a	=	58	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup, rec	9/2/2011	Organic	Nitrobenzene-d5	n/a	=	116	%	EPA 625	-88	-88	34	139	
2011/12-PRE	Lab	srgt LCS, rec	9/2/2011	Organic	Nitrobenzene-d5	n/a	=	101	%	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	
2011/12-PRE	Lab	srgt method blank	9/2/2011	Organic	Nitrobenzene-d5	n/a	=	52	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt method blank, rec	9/2/2011	Organic	Nitrobenzene-d5	n/a	=	104	%	EPA 625	-88	-88	34	139	
2011/12-PRE	bing Blank (distille	srgt equip blank	9/2/2011	Organic	Nitrobenzene-d5	n/a	=	44.4	µg/L	EPA 625	-88	-88			
2011/12-PRE	bing Blank (distille	srgt equip blank, rec	9/2/2011	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625	-88	-88	34	139	
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	N-Nitrosodimethylamine	n/a	=	34.5	µg/L	EPA 625	0.14	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	N-Nitrosodimethylamine	n/a	=	35.7	µg/L	EPA 625	0.14	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	N-Nitrosodimethylamine	n/a	=	71	%	EPA 625	-88	-88	27	78	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	N-Nitrosodimethylamine	n/a	=	69	%	EPA 625	-88	-88	27	78	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	N-Nitrosodimethylamine	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	43.9	µg/L	EPA 625	0.26	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	44.3	µg/L	EPA 625	0.26	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	89	%	EPA 625	-88	-88	0.1	230	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	88	%	EPA 625	-88	-88	0.1	230	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	N-Nitrosodiphenylamine	n/a	=	42.2	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	N-Nitrosodiphenylamine	n/a	=	43.8	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	N-Nitrosodiphenylamine	n/a	=	88	%	EPA 625	-88	-88	48	129	
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	N-Nitrosodiphenylamine	n/a	=	84	%	EPA 625	-88	-88	48	129	
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	N-Nitrosodiphenylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-PRE	Lab	method blank	9/2/2011	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Phenanthrene	n/a	=	46.6	µg/L	EPA 625	0.32	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Phenanthrene	n/a	=	48.8	µg/L	EPA 625	0.32	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Phenanthrene	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Phenanthrene	n/a	=	93	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Phenanthrene	n/a	=	5	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Phenol	n/a	=	24.1	µg/L	EPA 625	0.16	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Phenol	n/a	=	24.2	µg/L	EPA 625	0.16	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Phenol	n/a	=	48	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Phenol	n/a	=	48	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Phenol	n/a	=	0.6	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2011/12-PRE	Carboy Blank	srgt equip blank	9/2/2011	Organic	Phenol-d5	n/a	=	39.7	µg/L	EPA 625	-88	-88			
2011/12-PRE	Carboy Blank	srgt equip blank, rec	9/2/2011	Organic	Phenol-d5	n/a	=	42	%	EPA 625	-88	-88	2	70	
2011/12-PRE	Lab	srgt LCS	9/2/2011	Organic	Phenol-d5	n/a	=	49.4	µg/L	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE	Lab	srgt LCS dup	9/2/2011	Organic	Phenol-d5	n/a	=	56.4	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup, rec	9/2/2011	Organic	Phenol-d5	n/a	=	56	%	EPA 625	-88	-88	2	70	
2011/12-PRE	Lab	srgt LCS, rec	9/2/2011	Organic	Phenol-d5	n/a	=	49	%	EPA 625	-88	-88	2	70	
2011/12-PRE	Lab	srgt method blank	9/2/2011	Organic	Phenol-d5	n/a	=	47.4	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt method blank, rec	9/2/2011	Organic	Phenol-d5	n/a	=	47	%	EPA 625	-88	-88	2	70	
2011/12-PRE	bing Blank (distille	srgt equip blank	9/2/2011	Organic	Phenol-d5	n/a	=	40.8	µg/L	EPA 625	-88	-88			
2011/12-PRE	bing Blank (distille	srgt equip blank, rec	9/2/2011	Organic	Phenol-d5	n/a	=	41	%	EPA 625	-88	-88	2	70	
2011/12-PRE	Carboy Blank	srgt equip blank	9/2/2011	Organic	p-Terphenyl-d14	n/a	=	42.5	µg/L	EPA 625	-88	-88			
2011/12-PRE	Carboy Blank	srgt equip blank, rec	9/2/2011	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625	-88	-88	6	145	
2011/12-PRE	Lab	srgt LCS	9/2/2011	Organic	p-Terphenyl-d14	n/a	=	52	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup	9/2/2011	Organic	p-Terphenyl-d14	n/a	=	65.5	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt LCS dup, rec	9/2/2011	Organic	p-Terphenyl-d14	n/a	=	131	%	EPA 625	-88	-88	6	145	
2011/12-PRE	Lab	srgt LCS, rec	9/2/2011	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625	-88	-88	6	145	
2011/12-PRE	Lab	srgt method blank	9/2/2011	Organic	p-Terphenyl-d14	n/a	=	52	µg/L	EPA 625	-88	-88			
2011/12-PRE	Lab	srgt method blank, rec	9/2/2011	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625	-88	-88	6	145	
2011/12-PRE	bing Blank (distille	srgt equip blank	9/2/2011	Organic	p-Terphenyl-d14	n/a	=	45.1	µg/L	EPA 625	-88	-88			
2011/12-PRE	bing Blank (distille	srgt equip blank, rec	9/2/2011	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	6	145	
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE	Lab	LCS	9/2/2011	Organic	Pyrene	n/a	=	48.6	µg/L	EPA 625	0.25	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Organic	Pyrene	n/a	=	51	µg/L	EPA 625	0.25	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Organic	Pyrene	n/a	=	102	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Organic	Pyrene	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Organic	Pyrene	n/a	=	5	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE	Carboy Blank	equip blank	9/2/2011	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS	9/2/2011	Pesticide	Pentachlorophenol	n/a	=	42.4	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS dup	9/2/2011	Pesticide	Pentachlorophenol	n/a	=	41	µg/L	EPA 625	0.19	1			
2011/12-PRE	Lab	LCS dup, rec	9/2/2011	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, rec	9/2/2011	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 625	-88	-88			
2011/12-PRE	Lab	LCS, RPD	9/2/2011	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE	Lab	method blank	9/2/2011	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE	bing Blank (distille	equip blank	9/2/2011	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	37.2	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	44	142	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	40.1	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	44	142	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	38.6	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	39.5	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	44	142	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	44	142	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	1,2,4-Trichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	1,2-Dichlorobenzene	n/a	=	37.4	µg/L	EPA 625	0.57	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	1,2-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	32	129	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	1,2-Dichlorobenzene	n/a	=	41.6	µg/L	EPA 625	0.57	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	1,2-Dichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	32	129	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	1,2-Dichlorobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	1,2-Dichlorobenzene	n/a	=	37.2	µg/L	EPA 625	0.57	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	1,2-Dichlorobenzene	n/a	=	39.5	µg/L	EPA 625	0.57	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	1,2-Dichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	32	129	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	1,2-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	32	129	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	1,2-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	1,3-Dichlorobenzene	n/a	=	36.3	µg/L	EPA 625	0.53	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	1,3-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	0.1	172	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	1,3-Dichlorobenzene	n/a	=	40.5	µg/L	EPA 625	0.53	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	1,3-Dichlorobenzene	n/a	=	81	%	EPA 625	-88	-88	0.1	172	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	1,3-Dichlorobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	1,3-Dichlorobenzene	n/a	=	36	µg/L	EPA 625	0.53	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	1,3-Dichlorobenzene	n/a	=	38.5	µg/L	EPA 625	0.53	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	1,3-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	0.1	172	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	1,3-Dichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	0.1	172	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	1,3-Dichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	1,4-Dichlorobenzene	n/a	=	38	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	1,4-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	20	124	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	1,4-Dichlorobenzene	n/a	=	42	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	1,4-Dichlorobenzene	n/a	=	84	%	EPA 625	-88	-88	20	124	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	1,4-Dichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	1,4-Dichlorobenzene	n/a	=	37.8	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	1,4-Dichlorobenzene	n/a	=	40.2	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	1,4-Dichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	20	124	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	1,4-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	20	124	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	1,4-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2011/12-PRE2	Arrowhead (handle	srgt equip blank	9/21/2011	Organic	2,4,6-Tribromophenol	n/a	=	66.7	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (handle	srgt equip blank, rec	9/21/2011	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE2	Arrowhead (old)	srgt equip blank	9/21/2011	Organic	2,4,6-Tribromophenol	n/a	=	76.7	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (old)	srgt equip blank, rec	9/21/2011	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE2	Lab	srgt LCS	9/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	95.3	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS, rec	9/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE2	Lab	srgt method blank	9/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	70.4	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/20/2011	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE2	Lab	srgt LCS dup	9/21/2011	Organic	2,4,6-Tribromophenol	n/a	=	97.2	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/21/2011	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE2	Lab	srgt LCS	9/28/2011	Organic	2,4,6-Tribromophenol	n/a	=	101	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup	9/28/2011	Organic	2,4,6-Tribromophenol	n/a	=	103	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/28/2011	Organic	2,4,6-Tribromophenol	n/a	=	103	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE2	Lab	srgt LCS, rec	9/28/2011	Organic	2,4,6-Tribromophenol	n/a	=	101	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE2	Lab	srgt method blank	9/28/2011	Organic	2,4,6-Tribromophenol	n/a	=	79.8	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/28/2011	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank	9/21/2011	Organic	2,4,6-Tribromophenol	n/a	=	90.2	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank, rec	9/21/2011	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 625	-88	-88	0.1	157	
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	2,4,6-Trichlorophenol	n/a	=	47.9	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	2,4,6-Trichlorophenol	n/a	=	96	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	2,4,6-Trichlorophenol	n/a	=	50	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	2,4,6-Trichlorophenol	n/a	=	100	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	2,4,6-Trichlorophenol	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	2,4,6-Trichlorophenol	n/a	=	48.3	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	2,4,6-Trichlorophenol	n/a	=	49.6	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	2,4,6-Trichlorophenol	n/a	=	99	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	2,4,6-Trichlorophenol	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	2,4-Dichlorophenol	n/a	=	47.2	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	2,4-Dichlorophenol	n/a	=	94	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	2,4-Dichlorophenol	n/a	=	49.1	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	2,4-Dichlorophenol	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	2,4-Dichlorophenol	n/a	=	49.3	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	2,4-Dichlorophenol	n/a	=	49.4	µg/L	EPA 625	0.26	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	2,4-Dichlorophenol	n/a	=	99	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	2,4-Dichlorophenol	n/a	=	99	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	2,4-Dichlorophenol	n/a	=	0.3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	2,4-Dimethylphenol	n/a	=	40.6	µg/L	EPA 625	0.3	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	2,4-Dimethylphenol	n/a	=	81	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	2,4-Dimethylphenol	n/a	=	41.6	µg/L	EPA 625	0.3	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	2,4-Dimethylphenol	n/a	=	83	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	2,4-Dimethylphenol	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	2,4-Dimethylphenol	n/a	=	34.1	µg/L	EPA 625	0.3	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	2,4-Dimethylphenol	n/a	=	35.4	µg/L	EPA 625	0.3	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	2,4-Dimethylphenol	n/a	=	71	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	2,4-Dimethylphenol	n/a	=	68	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	2,4-Dimethylphenol	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	2,4-Dinitrophenol	n/a	=	58.8	µg/L	EPA 625	1.6	10			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	2,4-Dinitrophenol	n/a	=	118	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	2,4-Dinitrophenol	n/a	=	60.6	µg/L	EPA 625	1.6	10			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	2,4-Dinitrophenol	n/a	=	121	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	2,4-Dinitrophenol	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	2,4-Dinitrophenol	n/a	=	61.2	µg/L	EPA 625	1.6	10			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	2,4-Dinitrophenol	n/a	=	65.4	µg/L	EPA 625	1.6	10			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	2,4-Dinitrophenol	n/a	=	131	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	2,4-Dinitrophenol	n/a	=	122	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	2,4-Dinitrophenol	n/a	=	7	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	2,4-Dinitrotoluene	n/a	=	51	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	2,4-Dinitrotoluene	n/a	=	102	%	EPA 625	-88	-88	39	139	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	2,4-Dinitrotoluene	n/a	=	51.9	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	2,4-Dinitrotoluene	n/a	=	104	%	EPA 625	-88	-88	39	139	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	2,4-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	2,4-Dinitrotoluene	n/a	=	53.2	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	2,4-Dinitrotoluene	n/a	=	53.2	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	2,4-Dinitrotoluene	n/a	=	106	%	EPA 625	-88	-88	39	139	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	2,4-Dinitrotoluene	n/a	=	106	%	EPA 625	-88	-88	39	139	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	2,4-Dinitrotoluene	n/a	=	0.09	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	2,6-Dinitrotoluene	n/a	=	41	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	2,6-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	50	158	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	2,6-Dinitrotoluene	n/a	=	41.6	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	2,6-Dinitrotoluene	n/a	=	83	%	EPA 625	-88	-88	50	158	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	2,6-Dinitrotoluene	n/a	=	42.6	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	2,6-Dinitrotoluene	n/a	=	44.6	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	2,6-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	50	158	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	2,6-Dinitrotoluene	n/a	=	85	%	EPA 625	-88	-88	50	158	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	2,6-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	2-Chloronaphthalene	n/a	=	43.1	µg/L	EPA 625	0.45	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	2-Chloronaphthalene	n/a	=	86	%	EPA 625	-88	-88	60	118	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	2-Chloronaphthalene	n/a	=	45.9	µg/L	EPA 625	0.45	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	2-Chloronaphthalene	n/a	=	92	%	EPA 625	-88	-88	60	118	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	2-Chloronaphthalene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	2-Chloronaphthalene	n/a	=	44.4	µg/L	EPA 625	0.45	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	2-Chloronaphthalene	n/a	=	45.2	µg/L	EPA 625	0.45	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	2-Chloronaphthalene	n/a	=	90	%	EPA 625	-88	-88	60	118	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	2-Chloronaphthalene	n/a	=	89	%	EPA 625	-88	-88	60	118	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	2-Chloronaphthalene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	2-Chlorophenol	n/a	=	40.3	µg/L	EPA 625	0.28	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	2-Chlorophenol	n/a	=	81	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	2-Chlorophenol	n/a	=	43.3	µg/L	EPA 625	0.28	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	2-Chlorophenol	n/a	=	87	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	2-Chlorophenol	n/a	=	7	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	2-Chlorophenol	n/a	=	41.2	µg/L	EPA 625	0.28	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	2-Chlorophenol	n/a	=	42.7	µg/L	EPA 625	0.28	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	2-Chlorophenol	n/a	=	85	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	2-Chlorophenol	n/a	=	82	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	2-Chlorophenol	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2011/12-PRE2	Arrowhead (handle	srgt equip blank	9/21/2011	Organic	2-Fluorobiphenyl	n/a	=	30.5	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (handle	srgt equip blank, rec	9/21/2011	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	22	130	
2011/12-PRE2	Arrowhead (old)	srgt equip blank	9/21/2011	Organic	2-Fluorobiphenyl	n/a	=	33.5	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (old)	srgt equip blank, rec	9/21/2011	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	130	
2011/12-PRE2	Lab	srgt LCS	9/20/2011	Organic	2-Fluorobiphenyl	n/a	=	42.5	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS, rec	9/20/2011	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	130	
2011/12-PRE2	Lab	srgt method blank	9/20/2011	Organic	2-Fluorobiphenyl	n/a	=	30.5	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/20/2011	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	22	130	
2011/12-PRE2	Lab	srgt LCS dup	9/21/2011	Organic	2-Fluorobiphenyl	n/a	=	43.3	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/21/2011	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625	-88	-88	22	130	
2011/12-PRE2	Lab	srgt LCS	9/28/2011	Organic	2-Fluorobiphenyl	n/a	=	41.7	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup	9/28/2011	Organic	2-Fluorobiphenyl	n/a	=	41.6	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/28/2011	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	130	
2011/12-PRE2	Lab	srgt LCS, rec	9/28/2011	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	130	
2011/12-PRE2	Lab	srgt method blank	9/28/2011	Organic	2-Fluorobiphenyl	n/a	=	30.4	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/28/2011	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	22	130	
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank	9/21/2011	Organic	2-Fluorobiphenyl	n/a	=	39.8	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank, rec	9/21/2011	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	130	
2011/12-PRE2	Arrowhead (handle	srgt equip blank	9/21/2011	Organic	2-Fluorophenol	n/a	=	48.1	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (handle	srgt equip blank, rec	9/21/2011	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	6	96	
2011/12-PRE2	Arrowhead (old)	srgt equip blank	9/21/2011	Organic	2-Fluorophenol	n/a	=	53.8	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (old)	srgt equip blank, rec	9/21/2011	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	6	96	
2011/12-PRE2	Lab	srgt LCS	9/20/2011	Organic	2-Fluorophenol	n/a	=	63.3	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS, rec	9/20/2011	Organic	2-Fluorophenol	n/a	=	63	%	EPA 625	-88	-88	6	96	
2011/12-PRE2	Lab	srgt method blank	9/20/2011	Organic	2-Fluorophenol	n/a	=	54.5	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/20/2011	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	6	96	
2011/12-PRE2	Lab	srgt LCS dup	9/21/2011	Organic	2-Fluorophenol	n/a	=	66.8	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/21/2011	Organic	2-Fluorophenol	n/a	=	67	%	EPA 625	-88	-88	6	96	
2011/12-PRE2	Lab	srgt LCS	9/28/2011	Organic	2-Fluorophenol	n/a	=	58.1	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup	9/28/2011	Organic	2-Fluorophenol	n/a	=	62.3	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/28/2011	Organic	2-Fluorophenol	n/a	=	62	%	EPA 625	-88	-88	6	96	
2011/12-PRE2	Lab	srgt LCS, rec	9/28/2011	Organic	2-Fluorophenol	n/a	=	58	%	EPA 625	-88	-88	6	96	
2011/12-PRE2	Lab	srgt method blank	9/28/2011	Organic	2-Fluorophenol	n/a	=	51.9	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/28/2011	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625	-88	-88	6	96	
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank	9/21/2011	Organic	2-Fluorophenol	n/a	=	62.3	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank, rec	9/21/2011	Organic	2-Fluorophenol	n/a	=	62	%	EPA 625	-88	-88	6	96	
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	2-Nitrophenol	n/a	=	46.8	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	2-Nitrophenol	n/a	=	94	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	2-Nitrophenol	n/a	=	48.6	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	2-Nitrophenol	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	2-Nitrophenol	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	2-Nitrophenol	n/a	=	48.9	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	2-Nitrophenol	n/a	=	49.4	µg/L	EPA 625	0.26	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	2-Nitrophenol	n/a	=	99	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	2-Nitrophenol	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	2-Nitrophenol	n/a	=	1	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	41.4	µg/L	EPA 625	1.2	5			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	83	%	EPA 625	-88	-88	0.1	262	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	44.4	µg/L	EPA 625	1.2	5			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	89	%	EPA 625	-88	-88	0.1	262	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	47.3	µg/L	EPA 625	1.2	5			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	52.3	µg/L	EPA 625	1.2	5			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	105	%	EPA 625	-88	-88	0.1	262	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	95	%	EPA 625	-88	-88	0.1	262	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	3,3'-Dichlorobenzidine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	50.8	µg/L	EPA 625	1.7	5			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	102	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	51.6	µg/L	EPA 625	1.7	5			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	103	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	52.2	µg/L	EPA 625	1.7	5			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	55.1	µg/L	EPA 625	1.7	5			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	110	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	104	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	42.8	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	86	%	EPA 625	-88	-88	56	127	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	44.2	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	88	%	EPA 625	-88	-88	56	127	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	44	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	45.2	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	90	%	EPA 625	-88	-88	56	127	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	88	%	EPA 625	-88	-88	56	127	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	4-Bromophenyl phenyl ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	4-Chloro-3-methylphenol	n/a	=	47.4	µg/L	EPA 625	0.23	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	4-Chloro-3-methylphenol	n/a	=	95	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	4-Chloro-3-methylphenol	n/a	=	48.8	µg/L	EPA 625	0.23	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	4-Chloro-3-methylphenol	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	4-Chloro-3-methylphenol	n/a	=	47.1	µg/L	EPA 625	0.23	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	4-Chloro-3-methylphenol	n/a	=	48.5	µg/L	EPA 625	0.23	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	4-Chloro-3-methylphenol	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	4-Chloro-3-methylphenol	n/a	=	94	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	45.2	µg/L	EPA 625	0.41	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	90	%	EPA 625	-88	-88	25	158	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	47.6	µg/L	EPA 625	0.41	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	95	%	EPA 625	-88	-88	25	158	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	46.9	µg/L	EPA 625	0.41	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	47.3	µg/L	EPA 625	0.41	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	95	%	EPA 625	-88	-88	25	158	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	94	%	EPA 625	-88	-88	25	158	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	4-Nitrophenol	n/a	=	17.8	µg/L	EPA 625	0.45	5			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	4-Nitrophenol	n/a	=	36	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	4-Nitrophenol	n/a	=	18.5	µg/L	EPA 625	0.45	5			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	4-Nitrophenol	n/a	=	37	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	4-Nitrophenol	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	4-Nitrophenol	n/a	=	20	µg/L	EPA 625	0.45	5			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	4-Nitrophenol	n/a	=	21.6	µg/L	EPA 625	0.45	5			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	4-Nitrophenol	n/a	=	43	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	4-Nitrophenol	n/a	=	40	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	4-Nitrophenol	n/a	=	8	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Acenaphthene	n/a	=	43	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Acenaphthene	n/a	=	86	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Acenaphthene	n/a	=	45.8	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Acenaphthene	n/a	=	92	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Acenaphthene	n/a	=	6	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Acenaphthene	n/a	=	43.6	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Acenaphthene	n/a	=	44.1	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Acenaphthene	n/a	=	88	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Acenaphthene	n/a	=	87	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Acenaphthene	n/a	=	1	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Acenaphthylene	n/a	=	40.8	µg/L	EPA 625	0.4	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Acenaphthylene	n/a	=	82	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Acenaphthylene	n/a	=	42.4	µg/L	EPA 625	0.4	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Acenaphthylene	n/a	=	85	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Acenaphthylene	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Acenaphthylene	n/a	=	42.3	µg/L	EPA 625	0.4	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Acenaphthylene	n/a	=	43.8	µg/L	EPA 625	0.4	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Acenaphthylene	n/a	=	88	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Acenaphthylene	n/a	=	85	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Acenaphthylene	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Anthracene	n/a	=	47.6	µg/L	EPA 625	0.34	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Anthracene	n/a	=	95	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Anthracene	n/a	=	49.8	µg/L	EPA 625	0.34	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Anthracene	n/a	=	100	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Anthracene	n/a	=	5	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Anthracene	n/a	=	49.3	µg/L	EPA 625	0.34	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Anthracene	n/a	=	50.1	µg/L	EPA 625	0.34	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Anthracene	n/a	=	100	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Anthracene	n/a	=	99	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Anthracene	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Benz(a)anthracene	n/a	=	46.7	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Benz(a)anthracene	n/a	=	93	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Benz(a)anthracene	n/a	=	48.9	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Benz(a)anthracene	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Benz(a)anthracene	n/a	=	5	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Benz(a)anthracene	n/a	=	49.3	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Benz(a)anthracene	n/a	=	51.5	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Benz(a)anthracene	n/a	=	103	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Benz(a)anthracene	n/a	=	99	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Benzo(a)pyrene	n/a	=	47.8	µg/L	EPA 625	0.13	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Benzo(a)pyrene	n/a	=	49.1	µg/L	EPA 625	0.13	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Benzo(a)pyrene	n/a	=	48.6	µg/L	EPA 625	0.13	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Benzo(a)pyrene	n/a	=	48.9	µg/L	EPA 625	0.13	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Benzo(a)pyrene	n/a	=	0.6	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Benzo(b)fluoranthene	n/a	=	44.8	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Benzo(b)fluoranthene	n/a	=	44.8	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Benzo(b)fluoranthene	n/a	=	0.04	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Benzo(b)fluoranthene	n/a	=	49	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Benzo(b)fluoranthene	n/a	=	48	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Benzo(b)fluoranthene	n/a	=	96	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Benzo(b)fluoranthene	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Benzo(b)fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0		

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Benzo(g,h,i)perylene	n/a	=	35.1	µg/L	EPA 625	0.1	2			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Benzo(g,h,i)perylene	n/a	=	70	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Benzo(g,h,i)perylene	n/a	=	35	µg/L	EPA 625	0.1	2			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Benzo(g,h,i)perylene	n/a	=	70	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Benzo(g,h,i)perylene	n/a	=	0.09	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Benzo(g,h,i)perylene	n/a	=	36	µg/L	EPA 625	0.1	2			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Benzo(g,h,i)perylene	n/a	=	37.2	µg/L	EPA 625	0.1	2			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Benzo(g,h,i)perylene	n/a	=	74	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Benzo(g,h,i)perylene	n/a	=	72	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Benzo(k)fluoranthene	n/a	=	49	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Benzo(k)fluoranthene	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Benzo(k)fluoranthene	n/a	=	48.9	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Benzo(k)fluoranthene	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Benzo(k)fluoranthene	n/a	=	0.3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Benzo(k)fluoranthene	n/a	=	51	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Benzo(k)fluoranthene	n/a	=	49.4	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Benzo(k)fluoranthene	n/a	=	99	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Benzo(k)fluoranthene	n/a	=	102	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Benzo(k)fluoranthene	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	48.4	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	97	%	EPA 625	-88	-88	33	184	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	50	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	100	%	EPA 625	-88	-88	33	184	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	50.9	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	51.1	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	102	%	EPA 625	-88	-88	33	184	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	102	%	EPA 625	-88	-88	33	184	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	41.8	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	84	%	EPA 625	-88	-88	12	158	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	45.4	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	91	%	EPA 625	-88	-88	12	158	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	43.5	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	44.1	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	88	%	EPA 625	-88	-88	12	158	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	87	%	EPA 625	-88	-88	12	158	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Bis(2-chloroethyl)ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	58.7	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	117	%	EPA 625	-88	-88	36	166	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	65.3	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	131	%	EPA 625	-88	-88	36	166	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	64.7	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	63.6	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	127	%	EPA 625	-88	-88	36	166	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	129	%	EPA 625	-88	-88	36	166	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.9	µg/L	EPA 625	2.3	5			IP
2011/12-PRE2	Arrowhead (handle	equip blank	9/28/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			H,PJM
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	48.5	µg/L	EPA 625	2.3	5			IP
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	97	%	EPA 625	-88	-88			IP
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	10.7	µg/L	EPA 625	2.3	5			IP
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	50.1	µg/L	EPA 625	2.3	5			IP
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	100	%	EPA 625	-88	-88			IP
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 625	-88	-88	0		IP
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	53.8	µg/L	EPA 625	2.3	5			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	51.4	µg/L	EPA 625	2.3	5			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	108	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Butyl benzyl phthalate	n/a	=	49.1	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Butyl benzyl phthalate	n/a	=	98	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Butyl benzyl phthalate	n/a	=	50.9	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Butyl benzyl phthalate	n/a	=	102	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Butyl benzyl phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Butyl benzyl phthalate	n/a	=	50.4	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Butyl benzyl phthalate	n/a	=	52.1	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Butyl benzyl phthalate	n/a	=	104	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Butyl benzyl phthalate	n/a	=	101	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Butyl benzyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Chrysene	n/a	=	50.6	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Chrysene	n/a	=	101	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Chrysene	n/a	=	51.9	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Chrysene	n/a	=	104	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Chrysene	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Chrysene	n/a	=	49.8	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Chrysene	n/a	=	49.8	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Chrysene	n/a	=	100	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Chrysene	n/a	=	100	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Chrysene	n/a	=	0	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Dibenz(a,h)anthracene	n/a	=	39.3	µg/L	EPA 625	0.08	2			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Dibenz(a,h)anthracene	n/a	=	79	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Dibenz(a,h)anthracene	n/a	=	40.4	µg/L	EPA 625	0.08	2			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Dibenz(a,h)anthracene	n/a	=	81	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Dibenz(a,h)anthracene	n/a	=	40.4	µg/L	EPA 625	0.08	2			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Dibenz(a,h)anthracene	n/a	=	41.1	µg/L	EPA 625	0.08	2			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Dibenz(a,h)anthracene	n/a	=	82	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Dibenz(a,h)anthracene	n/a	=	81	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Diethyl phthalate	n/a	=	44.6	µg/L	EPA 625	0.15	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Diethyl phthalate	n/a	=	46.7	µg/L	EPA 625	0.15	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Diethyl phthalate	n/a	=	93	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Diethyl phthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Diethyl phthalate	n/a	=	45.3	µg/L	EPA 625	0.15	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Diethyl phthalate	n/a	=	46.4	µg/L	EPA 625	0.15	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Diethyl phthalate	n/a	=	93	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Diethyl phthalate	n/a	=	91	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Diethyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Diethyl phthalate	n/a	DNQ	0.42	µg/L	EPA 625	0.15	1			IP
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Dimethyl phthalate	n/a	=	42.2	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Dimethyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Dimethyl phthalate	n/a	=	42.9	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Dimethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Dimethyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Dimethyl phthalate	n/a	=	43.6	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Dimethyl phthalate	n/a	=	36.8	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Dimethyl phthalate	n/a	=	74	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Dimethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	112	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Dimethyl phthalate	n/a	=	17	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Di-n-butylphthalate	n/a	=	44.6	µg/L	EPA 625	0.24	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Di-n-butylphthalate	n/a	=	89	%	EPA 625	-88	-88	1	118	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Di-n-butylphthalate	n/a	=	45.7	µg/L	EPA 625	0.24	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Di-n-butylphthalate	n/a	=	91	%	EPA 625	-88	-88	1	118	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Di-n-butylphthalate	n/a	=	44.5	µg/L	EPA 625	0.24	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Di-n-butylphthalate	n/a	=	46	µg/L	EPA 625	0.24	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Di-n-butylphthalate	n/a	=	92	%	EPA 625	-88	-88	1	118	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Di-n-butylphthalate	n/a	=	89	%	EPA 625	-88	-88	1	118	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Di-n-butylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Di-n-butylphthalate	n/a	DNQ	0.25	µg/L	EPA 625	0.24	1			IP
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Di-n-octylphthalate	n/a	=	50	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Di-n-octylphthalate	n/a	=	100	%	EPA 625	-88	-88	6	146	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Di-n-octylphthalate	n/a	=	51.3	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Di-n-octylphthalate	n/a	=	103	%	EPA 625	-88	-88	6	146	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Di-n-octylphthalate	n/a	=	47.3	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Di-n-octylphthalate	n/a	=	48.1	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Di-n-octylphthalate	n/a	=	96	%	EPA 625	-88	-88	6	146	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Di-n-octylphthalate	n/a	=	95	%	EPA 625	-88	-88	6	146	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Fluoranthene	n/a	=	55.4	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Fluoranthene	n/a	=	111	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Fluoranthene	n/a	=	57.4	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Fluoranthene	n/a	=	115	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Fluoranthene	n/a	=	57.6	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Fluoranthene	n/a	=	60.3	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Fluoranthene	n/a	=	121	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Fluoranthene	n/a	=	115	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Fluoranthene	n/a	=	5	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Fluorene	n/a	=	46.7	µg/L	EPA 625	0.35	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Fluorene	n/a	=	93	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Fluorene	n/a	=	48.7	µg/L	EPA 625	0.35	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Fluorene	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Fluorene	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Fluorene	n/a	=	48.2	µg/L	EPA 625	0.35	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Fluorene	n/a	=	48.4	µg/L	EPA 625	0.35	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Fluorene	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Fluorene	n/a	=	96	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Fluorene	n/a	=	0.4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Hexachlorobenzene	n/a	=	43	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Hexachlorobenzene	n/a	=	86	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Hexachlorobenzene	n/a	=	44.3	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Hexachlorobenzene	n/a	=	89	%	EPA 625	-88	-88	0.1	152	

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Hexachlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Hexachlorobenzene	n/a	=	44.2	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Hexachlorobenzene	n/a	=	45.2	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Hexachlorobenzene	n/a	=	90	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Hexachlorobenzene	n/a	=	88	%	EPA 625	-88	-88	0.1	152	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Hexachlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Hexachlorobutadiene	n/a	=	41	µg/L	EPA 625	0.47	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Hexachlorobutadiene	n/a	=	82	%	EPA 625	-88	-88	24	116	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Hexachlorobutadiene	n/a	=	45.1	µg/L	EPA 625	0.47	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Hexachlorobutadiene	n/a	=	90	%	EPA 625	-88	-88	24	116	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Hexachlorobutadiene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Hexachlorobutadiene	n/a	=	41.7	µg/L	EPA 625	0.47	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Hexachlorobutadiene	n/a	=	43.4	µg/L	EPA 625	0.47	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Hexachlorobutadiene	n/a	=	87	%	EPA 625	-88	-88	24	116	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Hexachlorobutadiene	n/a	=	83	%	EPA 625	-88	-88	24	116	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Hexachlorobutadiene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Hexachlorocyclopentadiene	n/a	=	20.1	µg/L	EPA 625	1.5	5			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Hexachlorocyclopentadiene	n/a	=	40	%	EPA 625	-88	-88	0.1	136	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Hexachlorocyclopentadiene	n/a	=	22.1	µg/L	EPA 625	1.5	5			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Hexachlorocyclopentadiene	n/a	=	44	%	EPA 625	-88	-88	0.1	136	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Hexachlorocyclopentadiene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Hexachlorocyclopentadiene	n/a	=	25.2	µg/L	EPA 625	1.5	5			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Hexachlorocyclopentadiene	n/a	=	27.1	µg/L	EPA 625	1.5	5			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Hexachlorocyclopentadiene	n/a	=	54	%	EPA 625	-88	-88	0.1	136	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Hexachlorocyclopentadiene	n/a	=	50	%	EPA 625	-88	-88	0.1	136	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Hexachloroethane	n/a	=	38	µg/L	EPA 625	0.52	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Hexachloroethane	n/a	=	76	%	EPA 625	-88	-88	40	113	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Hexachloroethane	n/a	=	41.8	µg/L	EPA 625	0.52	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Hexachloroethane	n/a	=	84	%	EPA 625	-88	-88	40	113	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Hexachloroethane	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Hexachloroethane	n/a	=	37.9	µg/L	EPA 625	0.52	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Hexachloroethane	n/a	=	40.2	µg/L	EPA 625	0.52	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Hexachloroethane	n/a	=	80	%	EPA 625	-88	-88	40	113	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Hexachloroethane	n/a	=	76	%	EPA 625	-88	-88	40	113	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Hexachloroethane	n/a	=	6	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	37.5	µg/L	EPA 625	0.12	2			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	75	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	37.3	µg/L	EPA 625	0.12	2			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	75	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.6	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	39.3	µg/L	EPA 625	0.12	2			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	41.1	µg/L	EPA 625	0.12	2			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	82	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	79	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Isophorone	n/a	=	39.9	µg/L	EPA 625	0.21	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Isophorone	n/a	=	80	%	EPA 625	-88	-88	21	196	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Isophorone	n/a	=	40.7	µg/L	EPA 625	0.21	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Isophorone	n/a	=	81	%	EPA 625	-88	-88	21	196	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Isophorone	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Isophorone	n/a	=	42.6	µg/L	EPA 625	0.21	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Isophorone	n/a	=	42.3	µg/L	EPA 625	0.21	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Isophorone	n/a	=	85	%	EPA 625	-88	-88	21	196	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Isophorone	n/a	=	85	%	EPA 625	-88	-88	21	196	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Isophorone	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Naphthalene	n/a	=	40	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Naphthalene	n/a	=	80	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Naphthalene	n/a	=	43	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Naphthalene	n/a	=	86	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Naphthalene	n/a	=	7	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Naphthalene	n/a	=	40.8	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Naphthalene	n/a	=	42	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Naphthalene	n/a	=	84	%	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Naphthalene	n/a	=	82	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Naphthalene	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Nitrobenzene	n/a	=	45.5	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Nitrobenzene	n/a	=	91	%	EPA 625	-88	-88	35	180	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Nitrobenzene	n/a	=	47.4	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Nitrobenzene	n/a	=	95	%	EPA 625	-88	-88	35	180	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Nitrobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Nitrobenzene	n/a	=	48.9	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Nitrobenzene	n/a	=	48.6	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Nitrobenzene	n/a	=	97	%	EPA 625	-88	-88	35	180	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Nitrobenzene	n/a	=	98	%	EPA 625	-88	-88	35	180	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Nitrobenzene	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2011/12-PRE2	Arrowhead (handle	srgt equip blank	9/21/2011	Organic	Nitrobenzene-d5	n/a	=	38.4	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (handle	srgt equip blank, rec	9/21/2011	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	34	139	
2011/12-PRE2	Arrowhead (old)	srgt equip blank	9/21/2011	Organic	Nitrobenzene-d5	n/a	=	40.6	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (old)	srgt equip blank, rec	9/21/2011	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625	-88	-88	34	139	
2011/12-PRE2	Lab	srgt LCS	9/20/2011	Organic	Nitrobenzene-d5	n/a	=	47.5	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS, rec	9/20/2011	Organic	Nitrobenzene-d5	n/a	=	95	%	EPA 625	-88	-88	34	139	
2011/12-PRE2	Lab	srgt method blank	9/20/2011	Organic	Nitrobenzene-d5	n/a	=	39.1	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/20/2011	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	34	139	
2011/12-PRE2	Lab	srgt LCS dup	9/21/2011	Organic	Nitrobenzene-d5	n/a	=	48.8	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/21/2011	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 625	-88	-88	34	139	
2011/12-PRE2	Lab	srgt LCS	9/28/2011	Organic	Nitrobenzene-d5	n/a	=	50.3	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup	9/28/2011	Organic	Nitrobenzene-d5	n/a	=	49.8	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/28/2011	Organic	Nitrobenzene-d5	n/a	=	100	%	EPA 625	-88	-88	34	139	
2011/12-PRE2	Lab	srgt LCS, rec	9/28/2011	Organic	Nitrobenzene-d5	n/a	=	101	%	EPA 625	-88	-88	34	139	
2011/12-PRE2	Lab	srgt method blank	9/28/2011	Organic	Nitrobenzene-d5	n/a	=	41.5	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/28/2011	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	34	139	
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank	9/21/2011	Organic	Nitrobenzene-d5	n/a	=	48	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank, rec	9/21/2011	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625	-88	-88	34	139	
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	N-Nitrosodimethylamine	n/a	=	30.1	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	N-Nitrosodimethylamine	n/a	=	60	%	EPA 625	-88	-88	27	78	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	N-Nitrosodimethylamine	n/a	=	33.5	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	N-Nitrosodimethylamine	n/a	=	67	%	EPA 625	-88	-88	27	78	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	N-Nitrosodimethylamine	n/a	=	11	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	N-Nitrosodimethylamine	n/a	=	29.2	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	N-Nitrosodimethylamine	n/a	=	32.2	µg/L	EPA 625	0.14	1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	N-Nitrosodimethylamine	n/a	=	64	%	EPA 625	-88	-88	27	78	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	N-Nitrosodimethylamine	n/a	=	58	%	EPA 625	-88	-88	27	78	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	N-Nitrosodimethylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	42.1	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	84	%	EPA 625	-88	-88	0.1	230	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	43.2	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	86	%	EPA 625	-88	-88	0.1	230	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	44.3	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	44	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	88	%	EPA 625	-88	-88	0.1	230	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	89	%	EPA 625	-88	-88	0.1	230	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	N-Nitrosodiphenylamine	n/a	=	41.1	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	N-Nitrosodiphenylamine	n/a	=	82	%	EPA 625	-88	-88	48	129	
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	N-Nitrosodiphenylamine	n/a	=	41.9	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	N-Nitrosodiphenylamine	n/a	=	84	%	EPA 625	-88	-88	48	129	
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	N-Nitrosodiphenylamine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	N-Nitrosodiphenylamine	n/a	=	42	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	N-Nitrosodiphenylamine	n/a	=	42.6	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	N-Nitrosodiphenylamine	n/a	=	85	%	EPA 625	-88	-88	48	129	
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	N-Nitrosodiphenylamine	n/a	=	84	%	EPA 625	-88	-88	48	129	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	N-Nitrosodiphenylamine	n/a	=	1	%	EPA 625	-88	-88	0	30	
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Phenanthrene	n/a	=	46.3	µg/L	EPA 625	0.32	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Phenanthrene	n/a	=	93	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Phenanthrene	n/a	=	48.7	µg/L	EPA 625	0.32	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Phenanthrene	n/a	=	97	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Phenanthrene	n/a	=	5	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Phenanthrene	n/a	=	47.8	µg/L	EPA 625	0.32	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Phenanthrene	n/a	=	49	µg/L	EPA 625	0.32	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Phenanthrene	n/a	=	98	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Phenanthrene	n/a	=	96	%	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Phenanthrene	n/a	=	3	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Phenol	n/a	=	22.6	µg/L	EPA 625	0.16	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Phenol	n/a	=	45	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Phenol	n/a	=	23.5	µg/L	EPA 625	0.16	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Phenol	n/a	=	47	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Phenol	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Phenol	n/a	=	21.6	µg/L	EPA 625	0.16	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Phenol	n/a	=	23	µg/L	EPA 625	0.16	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Phenol	n/a	=	46	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Phenol	n/a	=	43	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Phenol	n/a	=	6	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2011/12-PRE2	Arrowhead (handle	srgt equip blank	9/21/2011	Organic	Phenol-d5	n/a	=	30	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (handle	srgt equip blank, rec	9/21/2011	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	
2011/12-PRE2	Arrowhead (old)	srgt equip blank	9/21/2011	Organic	Phenol-d5	n/a	=	34.2	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (old)	srgt equip blank, rec	9/21/2011	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	2	70	
2011/12-PRE2	Lab	srgt LCS	9/20/2011	Organic	Phenol-d5	n/a	=	42.8	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS, rec	9/20/2011	Organic	Phenol-d5	n/a	=	43	%	EPA 625	-88	-88	2	70	
2011/12-PRE2	Lab	srgt method blank	9/20/2011	Organic	Phenol-d5	n/a	=	35.9	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/20/2011	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	2	70	
2011/12-PRE2	Lab	srgt LCS dup	9/21/2011	Organic	Phenol-d5	n/a	=	45.8	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/21/2011	Organic	Phenol-d5	n/a	=	46	%	EPA 625	-88	-88	2	70	
2011/12-PRE2	Lab	srgt LCS	9/28/2011	Organic	Phenol-d5	n/a	=	43.4	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup	9/28/2011	Organic	Phenol-d5	n/a	=	46.1	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/28/2011	Organic	Phenol-d5	n/a	=	46	%	EPA 625	-88	-88	2	70	
2011/12-PRE2	Lab	srgt LCS, rec	9/28/2011	Organic	Phenol-d5	n/a	=	43	%	EPA 625	-88	-88	2	70	
2011/12-PRE2	Lab	srgt method blank	9/28/2011	Organic	Phenol-d5	n/a	=	33.2	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/28/2011	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	2	70	
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank	9/21/2011	Organic	Phenol-d5	n/a	=	40.7	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank, rec	9/21/2011	Organic	Phenol-d5	n/a	=	41	%	EPA 625	-88	-88	2	70	
2011/12-PRE2	Arrowhead (handle	srgt equip blank	9/21/2011	Organic	p-Terphenyl-d14	n/a	=	39	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (handle	srgt equip blank, rec	9/21/2011	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	6	145	
2011/12-PRE2	Arrowhead (old)	srgt equip blank	9/21/2011	Organic	p-Terphenyl-d14	n/a	=	45	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Arrowhead (old)	srgt equip blank, rec	9/21/2011	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	6	145	
2011/12-PRE2	Lab	srgt LCS	9/20/2011	Organic	p-Terphenyl-d14	n/a	=	53.4	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS, rec	9/20/2011	Organic	p-Terphenyl-d14	n/a	=	107	%	EPA 625	-88	-88	6	145	
2011/12-PRE2	Lab	srgt method blank	9/20/2011	Organic	p-Terphenyl-d14	n/a	=	40.5	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/20/2011	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625	-88	-88	6	145	
2011/12-PRE2	Lab	srgt LCS dup	9/21/2011	Organic	p-Terphenyl-d14	n/a	=	55.4	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/21/2011	Organic	p-Terphenyl-d14	n/a	=	111	%	EPA 625	-88	-88	6	145	
2011/12-PRE2	Lab	srgt LCS	9/28/2011	Organic	p-Terphenyl-d14	n/a	=	55.1	µg/L	EPA 625	-88	-88			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011/12-PRE2	Lab	srgt LCS dup	9/28/2011	Organic	p-Terphenyl-d14	n/a	=	56.8	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt LCS dup, rec	9/28/2011	Organic	p-Terphenyl-d14	n/a	=	114	%	EPA 625	-88	-88	6	145	
2011/12-PRE2	Lab	srgt LCS, rec	9/28/2011	Organic	p-Terphenyl-d14	n/a	=	110	%	EPA 625	-88	-88	6	145	
2011/12-PRE2	Lab	srgt method blank	9/28/2011	Organic	p-Terphenyl-d14	n/a	=	51.3	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Lab	srgt method blank, rec	9/28/2011	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 625	-88	-88	6	145	
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank	9/21/2011	Organic	p-Terphenyl-d14	n/a	=	50.9	µg/L	EPA 625	-88	-88			
2011/12-PRE2	Rinse 2L (plastic)	srgt equip blank, rec	9/21/2011	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 625	-88	-88	6	145	
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Organic	Pyrene	n/a	=	48.1	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Organic	Pyrene	n/a	=	96	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Organic	Pyrene	n/a	=	50.2	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Organic	Pyrene	n/a	=	100	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Organic	Pyrene	n/a	=	4	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Organic	Pyrene	n/a	=	51.8	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Organic	Pyrene	n/a	=	52.5	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Organic	Pyrene	n/a	=	105	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Organic	Pyrene	n/a	=	104	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Organic	Pyrene	n/a	=	1	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2011/12-PRE2	Arrowhead (handle	equip blank	9/21/2011	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Arrowhead (old)	equip blank	9/21/2011	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS	9/20/2011	Pesticide	Pentachlorophenol	n/a	=	40.9	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS, rec	9/20/2011	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	method blank	9/20/2011	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup	9/21/2011	Pesticide	Pentachlorophenol	n/a	=	41.9	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup, rec	9/21/2011	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/21/2011	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	LCS	9/28/2011	Pesticide	Pentachlorophenol	n/a	=	45.9	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup	9/28/2011	Pesticide	Pentachlorophenol	n/a	=	42.3	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Lab	LCS dup, rec	9/28/2011	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, rec	9/28/2011	Pesticide	Pentachlorophenol	n/a	=	92	%	EPA 625	-88	-88			
2011/12-PRE2	Lab	LCS, RPD	9/28/2011	Pesticide	Pentachlorophenol	n/a	=	8	%	EPA 625	-88	-88	0		
2011/12-PRE2	Lab	method blank	9/28/2011	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011/12-PRE2	Rinse 2L (plastic)	equip blank	9/21/2011	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2011-DRY	Lab	LCS	8/25/2011	Cation	Calcium	Total	=	48.1	mg/L	EPA 200.7	0.016	0.1			
2011-DRY	Lab	LCS, rec	8/25/2011	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2011-DRY	Lab	method blank	8/25/2011	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2011-DRY	MO-CAM	matrix spike	8/25/2011	Cation	Calcium	Total	=	100	mg/L	EPA 200.7	0.016	0.1			
2011-DRY	MO-CAM	matrix spike dup	8/25/2011	Cation	Calcium	Total	=	97.4	mg/L	EPA 200.7	0.016	0.1			
2011-DRY	MO-CAM	matrix spike dup, rec	8/25/2011	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2011-DRY	MO-CAM	matrix spike, rec	8/25/2011	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2011-DRY	MO-CAM	matrix spike, RPD	8/25/2011	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2011-DRY	MO-FIL	matrix spike	8/25/2011	Cation	Calcium	Total	=	226	mg/L	EPA 200.7	0.016	0.1			
2011-DRY	MO-FIL	matrix spike dup	8/25/2011	Cation	Calcium	Total	=	223	mg/L	EPA 200.7	0.016	0.1			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011-DRY	MO-FIL	matrix spike dup, rec	8/25/2011	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2011-DRY	MO-FIL	matrix spike, rec	8/25/2011	Cation	Calcium	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2011-DRY	MO-FIL	matrix spike, RPD	8/25/2011	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2011-DRY	Lab	LCS	8/25/2011	Cation	Magnesium	Total	=	51.7	mg/L	EPA 200.7	0.012	0.1			
2011-DRY	Lab	LCS, rec	8/25/2011	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2011-DRY	Lab	method blank	8/25/2011	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2011-DRY	MO-CAM	matrix spike	8/25/2011	Cation	Magnesium	Total	=	72.6	mg/L	EPA 200.7	0.012	0.1			
2011-DRY	MO-CAM	matrix spike dup	8/25/2011	Cation	Magnesium	Total	=	72.6	mg/L	EPA 200.7	0.012	0.1			
2011-DRY	MO-CAM	matrix spike dup, rec	8/25/2011	Cation	Magnesium	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2011-DRY	MO-CAM	matrix spike, rec	8/25/2011	Cation	Magnesium	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2011-DRY	MO-CAM	matrix spike, RPD	8/25/2011	Cation	Magnesium	Total	=	0.08	%	EPA 200.7	-88	-88	0	30	
2011-DRY	MO-FIL	matrix spike	8/25/2011	Cation	Magnesium	Total	=	110	mg/L	EPA 200.7	0.012	0.1			
2011-DRY	MO-FIL	matrix spike dup	8/25/2011	Cation	Magnesium	Total	=	110	mg/L	EPA 200.7	0.012	0.1			
2011-DRY	MO-FIL	matrix spike dup, rec	8/25/2011	Cation	Magnesium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2011-DRY	MO-FIL	matrix spike, rec	8/25/2011	Cation	Magnesium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2011-DRY	MO-FIL	matrix spike, RPD	8/25/2011	Cation	Magnesium	Total	=	0.01	%	EPA 200.7	-88	-88	0	30	
2011-DRY	000NONPJ	matrix spike	8/26/2011	Conventional	Total Organic Carbon	n/a	=	4.99	mg/L	SM 5310 C	0.009	0.3			
2011-DRY	000NONPJ	matrix spike dup	8/26/2011	Conventional	Total Organic Carbon	n/a	=	4.89	mg/L	SM 5310 C	0.009	0.3			
2011-DRY	000NONPJ	matrix spike dup, rec	8/26/2011	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 C	-88	-88	84	107	
2011-DRY	000NONPJ	matrix spike, rec	8/26/2011	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	84	107	
2011-DRY	000NONPJ	matrix spike, RPD	8/26/2011	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	
2011-DRY	000NONPJ	matrix spike	9/1/2011	Conventional	Total Organic Carbon	n/a	=	5.09	mg/L	SM 5310 C	0.009	0.3			
2011-DRY	000NONPJ	matrix spike dup	9/1/2011	Conventional	Total Organic Carbon	n/a	=	5.19	mg/L	SM 5310 C	0.009	0.3			
2011-DRY	000NONPJ	matrix spike dup, rec	9/1/2011	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 C	-88	-88	84	107	
2011-DRY	000NONPJ	matrix spike, rec	9/1/2011	Conventional	Total Organic Carbon	n/a	=	88	%	SM 5310 C	-88	-88	84	107	
2011-DRY	000NONPJ	matrix spike, RPD	9/1/2011	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	
2011-DRY	Lab	LCS	8/26/2011	Conventional	Total Organic Carbon	n/a	=	4.85	mg/L	SM 5310 C	0.009	0.3			
2011-DRY	Lab	LCS, rec	8/26/2011	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	90	110	
2011-DRY	Lab	method blank	8/26/2011	Conventional	Total Organic Carbon	n/a	DNQ	0.0557	mg/L	SM 5310 C	0.009	0.3			
2011-DRY	Lab	LCS	9/1/2011	Conventional	Total Organic Carbon	n/a	=	4.94	mg/L	SM 5310 C	0.009	0.3			
2011-DRY	Lab	LCS, rec	9/1/2011	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	90	110	
2011-DRY	Lab	method blank	9/1/2011	Conventional	Total Organic Carbon	n/a	DNQ	0.0374	mg/L	SM 5310 C	0.009	0.3			
2011-DRY	000NONPJ	matrix spike	9/6/2011	Metal	Copper	Dissolved	=	48.6	µg/L	EPA 200.8	0.27	0.5			
2011-DRY	000NONPJ	matrix spike	9/6/2011	Metal	Copper	Dissolved	=	49.4	µg/L	EPA 200.8	0.27	0.5			
2011-DRY	000NONPJ	matrix spike dup	9/6/2011	Metal	Copper	Dissolved	=	49.6	µg/L	EPA 200.8	0.27	0.5			
2011-DRY	000NONPJ	matrix spike dup	9/6/2011	Metal	Copper	Dissolved	=	49.5	µg/L	EPA 200.8	0.54	1			DG
2011-DRY	000NONPJ	matrix spike dup, rec	9/6/2011	Metal	Copper	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	DG
2011-DRY	000NONPJ	matrix spike dup, rec	9/6/2011	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011-DRY	000NONPJ	matrix spike, rec	9/6/2011	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2011-DRY	000NONPJ	matrix spike, rec	9/6/2011	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2011-DRY	000NONPJ	matrix spike, RPD	9/6/2011	Metal	Copper	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	
2011-DRY	000NONPJ	matrix spike, RPD	9/6/2011	Metal	Copper	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	DG
2011-DRY	Lab	LCS	8/31/2011	Metal	Copper	Dissolved	=	51.1	µg/L	EPA 200.8	0.27	0.5			
2011-DRY	Lab	LCS, rec	8/31/2011	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2011-DRY	Lab	method blank	8/31/2011	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011-DRY	Lab	LCS	9/6/2011	Metal	Copper	Dissolved	=	51.3	µg/L	EPA 200.8	0.27	0.5			
2011-DRY	Lab	LCS, rec	9/6/2011	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011-DRY	Lab	method blank	9/6/2011	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2011-DRY	MO-FIL	matrix spike	8/31/2011	Metal	Copper	Dissolved	=	42.9	µg/L	EPA 200.8	0.27	0.5			
2011-DRY	MO-FIL	matrix spike dup	8/31/2011	Metal	Copper	Dissolved	=	43.3	µg/L	EPA 200.8	0.27	0.5			
2011-DRY	MO-FIL	matrix spike dup, rec	8/31/2011	Metal	Copper	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	
2011-DRY	MO-FIL	matrix spike, rec	8/31/2011	Metal	Copper	Dissolved	=	82	%	EPA 200.8	-88	-88	70	130	
2011-DRY	MO-FIL	matrix spike, RPD	8/31/2011	Metal	Copper	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	
2011-DRY	000NONPJ	matrix spike	9/6/2011	Metal	Lead	Dissolved	=	47.2	µg/L	EPA 200.8	0.011	0.2			
2011-DRY	000NONPJ	matrix spike	9/6/2011	Metal	Lead	Dissolved	=	47.5	µg/L	EPA 200.8	0.011	0.2			
2011-DRY	000NONPJ	matrix spike dup	9/6/2011	Metal	Lead	Dissolved	=	45.7	µg/L	EPA 200.8	0.022	0.4			DG
2011-DRY	000NONPJ	matrix spike dup	9/6/2011	Metal	Lead	Dissolved	=	47.6	µg/L	EPA 200.8	0.011	0.2			
2011-DRY	000NONPJ	matrix spike dup, rec	9/6/2011	Metal	Lead	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	DG
2011-DRY	000NONPJ	matrix spike dup, rec	9/6/2011	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2011-DRY	000NONPJ	matrix spike, rec	9/6/2011	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2011-DRY	000NONPJ	matrix spike, rec	9/6/2011	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2011-DRY	000NONPJ	matrix spike, RPD	9/6/2011	Metal	Lead	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	DG
2011-DRY	000NONPJ	matrix spike, RPD	9/6/2011	Metal	Lead	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	
2011-DRY	Lab	LCS	8/31/2011	Metal	Lead	Dissolved	=	50.3	µg/L	EPA 200.8	0.011	0.2			
2011-DRY	Lab	LCS, rec	8/31/2011	Metal	Lead	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2011-DRY	Lab	method blank	8/31/2011	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011-DRY	Lab	LCS	9/6/2011	Metal	Lead	Dissolved	=	47.2	µg/L	EPA 200.8	0.011	0.2			
2011-DRY	Lab	LCS, rec	9/6/2011	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2011-DRY	Lab	method blank	9/6/2011	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2011-DRY	MO-FIL	matrix spike	8/31/2011	Metal	Lead	Dissolved	=	48.1	µg/L	EPA 200.8	0.011	0.2			
2011-DRY	MO-FIL	matrix spike dup	8/31/2011	Metal	Lead	Dissolved	=	48.8	µg/L	EPA 200.8	0.011	0.2			
2011-DRY	MO-FIL	matrix spike dup, rec	8/31/2011	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2011-DRY	MO-FIL	matrix spike, rec	8/31/2011	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2011-DRY	MO-FIL	matrix spike, RPD	8/31/2011	Metal	Lead	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2011-DRY	000NONPJ	matrix spike	9/6/2011	Metal	Zinc	Dissolved	=	59.4	µg/L	EPA 200.8	1.1	5			
2011-DRY	000NONPJ	matrix spike	9/6/2011	Metal	Zinc	Dissolved	=	57	µg/L	EPA 200.8	1.1	5			
2011-DRY	000NONPJ	matrix spike dup	9/6/2011	Metal	Zinc	Dissolved	=	58	µg/L	EPA 200.8	1.1	5			
2011-DRY	000NONPJ	matrix spike dup	9/6/2011	Metal	Zinc	Dissolved	=	62.6	µg/L	EPA 200.8	2.3	10			DG
2011-DRY	000NONPJ	matrix spike dup, rec	9/6/2011	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	DG
2011-DRY	000NONPJ	matrix spike dup, rec	9/6/2011	Metal	Zinc	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2011-DRY	000NONPJ	matrix spike, rec	9/6/2011	Metal	Zinc	Dissolved	=	89	%	EPA 200.8	-88	-88	70	130	
2011-DRY	000NONPJ	matrix spike, rec	9/6/2011	Metal	Zinc	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2011-DRY	000NONPJ	matrix spike, RPD	9/6/2011	Metal	Zinc	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2011-DRY	000NONPJ	matrix spike, RPD	9/6/2011	Metal	Zinc	Dissolved	=	5	%	EPA 200.8	-88	-88	0	30	DG
2011-DRY	Lab	LCS	8/31/2011	Metal	Zinc	Dissolved	=	54.2	µg/L	EPA 200.8	1.1	5			
2011-DRY	Lab	LCS, rec	8/31/2011	Metal	Zinc	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2011-DRY	Lab	method blank	8/31/2011	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011-DRY	Lab	LCS	9/6/2011	Metal	Zinc	Dissolved	=	51.4	µg/L	EPA 200.8	1.1	5			
2011-DRY	Lab	LCS, rec	9/6/2011	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2011-DRY	Lab	method blank	9/6/2011	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2011-DRY	MO-FIL	matrix spike	8/31/2011	Metal	Zinc	Dissolved	=	52.2	µg/L	EPA 200.8	1.1	5			
2011-DRY	MO-FIL	matrix spike dup	8/31/2011	Metal	Zinc	Dissolved	=	52.3	µg/L	EPA 200.8	1.1	5			
2011-DRY	MO-FIL	matrix spike dup, rec	8/31/2011	Metal	Zinc	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2011-DRY	MO-FIL	matrix spike, rec	8/31/2011	Metal	Zinc	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2011-DRY	MO-FIL	matrix spike, RPD	8/31/2011	Metal	Zinc	Dissolved	=	0.1	%	EPA 200.8	-88	-88	0	30	