



*Ventura Countywide
Stormwater Quality
Management Program*

**2012-2013
Permit Year**

Ventura Countywide Stormwater Quality Management Program Annual Report

Attachment D: Water Quality Monitoring Appendix F, Part 2



December 13, 2013

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

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	srgt LCS dup, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	126	%	EPA 524.2	-88	-88	70	130	
2012/13-4	Lab	srgt method blank	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.12	µg/L	EPA 524.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	81	%	EPA 524.2	-88	-88	70	130	
2012/13-4	ME-CC	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.39	µg/L	EPA 524.2	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2012/13-4	ME-SCR	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.94	µg/L	EPA 524.2	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	89	%	EPA 524.2	-88	-88	70	130	
2012/13-4	ME-VR2	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.09	µg/L	EPA 524.2	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	91	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-CAM	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.48	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-FIL	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	11.1	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	111	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-HUE	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.35	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-MEI	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.75	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-MEI	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-MPK	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.46	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-OJA	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.12	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	91	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-OXN	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.9	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	109	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-SIM	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.85	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-SPA	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.45	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-THO	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.03	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-VEN	srgt environ	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	11.7	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	117	%	EPA 524.2	-88	-88	70	130	
2012/13-4	Lab	method blank	3/18/2013	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-4	Lab	method blank	3/27/2013	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-4	Lab	method blank	3/18/2013	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	1,3-Dichlorobenzene	n/a	=	31	µg/L	EPA 625	0.53	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	1,3-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	0.1	172	
2012/13-4	Lab	method blank	3/27/2013	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	1,3-Dichlorobenzene	n/a	=	14.6	µg/L	EPA 625	0.53	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	1,3-Dichlorobenzene	n/a	=	29	%	EPA 625	-88	-88	0.1	172	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	1,3-Dichlorobenzene	n/a	=	29	µg/L	EPA 625	0.53	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	1,3-Dichlorobenzene	n/a	=	58	%	EPA 625	-88	-88	0.1	172	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	1,3-Dichlorobenzene	n/a	=	14.9	µg/L	EPA 625	0.53	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	1,3-Dichlorobenzene	n/a	=	30	%	EPA 625	-88	-88	0.1	172	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	1,3-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	1,3-Dichlorobenzene	n/a	=	23.8	µg/L	EPA 625	0.53	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	1,3-Dichlorobenzene	n/a	=	48	%	EPA 625	-88	-88	0.1	172	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	1,3-Dichlorobenzene	n/a	=	24.5	µg/L	EPA 625	0.53	1			

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	1,3-Dichlorobenzene	n/a	=	49	%	EPA 625	-88	-88	0.1	172	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	1,3-Dichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-4	000NONPJ	srgt matrix spike	4/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.483	µg/L	EPA 525.2	-88	-88			
2012/13-4	000NONPJ	srgt matrix spike, rec	4/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2012/13-4	000NONPJ	srgt matrix spike dup	4/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.499	µg/L	EPA 525.2	-88	-88			
2012/13-4	000NONPJ	srgt matrix spike dup, rec	4/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-4	Lab	srgt method blank	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.49	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2012/13-4	Lab	srgt LCS	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.511	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-4	Lab	srgt method blank	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.54	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	136	
2012/13-4	Lab	srgt LCS	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.86	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	%	EPA 525.2	-88	-88	73	136	
2012/13-4	Lab	srgt LCS dup	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.59	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS dup, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	73	136	
2012/13-4	Lab	srgt method blank	4/5/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/5/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2012/13-4	Lab	srgt LCS	4/5/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	4/5/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	136	
2012/13-4	Lab	srgt method blank	4/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.54	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	
2012/13-4	Lab	srgt LCS	4/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.491	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	4/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2012/13-4	ME-CC	srgt environ	3/23/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.514	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/23/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2012/13-4	ME-CC	srgt environ	4/6/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.48	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	4/6/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2012/13-4	ME-SCR	srgt environ	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.56	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	131	%	EPA 525.2	-88	-88	73	136	
2012/13-4	ME-SCR	srgt environ	4/12/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.488	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	4/12/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2012/13-4	ME-VR2	srgt environ	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.53	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	131	%	EPA 525.2	-88	-88	73	136	
2012/13-4	ME-VR2	srgt environ	4/12/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.498	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	4/12/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-CAM	srgt environ	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.3	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	126	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-CAM	srgt environ	4/12/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.51	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	4/12/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-FIL	srgt environ	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.511	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-FIL	srgt environ	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.75	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-HUE	srgt environ	3/23/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.512	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/23/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-HUE	srgt environ	4/6/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.53	µg/L	EPA 525.2	-88	-88			

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													Min	Max	
2012/13-4	MO-HUE	srgt environ, rec	4/6/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-MEI	srgt environ	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.94	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-MEI	srgt environ, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	119	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-MEI	srgt environ	4/12/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.505	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-MEI	srgt environ, rec	4/12/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-MPK	srgt environ	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.596	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	119	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-MPK	srgt environ	4/6/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	4/6/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-OJA	srgt environ	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.11	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	122	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-OJA	srgt environ	4/12/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.508	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	4/12/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-OXN	srgt matrix spike	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.601	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	120	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-OXN	srgt matrix spike dup	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.617	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	123	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-OXN	srgt environ	3/23/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.614	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/23/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	123	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-OXN	srgt matrix spike	4/5/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.76	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	4/5/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	75	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-OXN	srgt matrix spike dup	4/5/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.48	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-OXN	srgt matrix spike dup, rec	4/5/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	70	%	EPA 525.2	-88	-88	73	136	GN
2012/13-4	MO-OXN	srgt environ	4/6/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.84	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	4/6/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-SIM	srgt environ	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.526	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-SIM	srgt environ	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.76	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	135	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-SPA	srgt environ	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.572	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-SPA	srgt environ	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.89	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-THO	srgt environ	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.512	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-THO	srgt environ	4/6/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.33	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	4/6/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-VEN	srgt environ	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.601	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	3/22/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	120	%	EPA 525.2	-88	-88	73	136	
2012/13-4	MO-VEN	srgt environ	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	3/26/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-4	Lab	method blank	3/18/2013	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	1,4-Dichlorobenzene	n/a	=	31.3	µg/L	EPA 625	0.55	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	1,4-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	20	124	
2012/13-4	Lab	method blank	3/27/2013	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	1,4-Dichlorobenzene	n/a	=	15.2	µg/L	EPA 625	0.55	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	1,4-Dichlorobenzene	n/a	=	30	%	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	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	1,4-Dichlorobenzene	n/a	=	29.4	µg/L	EPA 625	0.55	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	1,4-Dichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	20	124	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	1,4-Dichlorobenzene	n/a	=	15.3	µg/L	EPA 625	0.55	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	1,4-Dichlorobenzene	n/a	=	31	%	EPA 625	-88	-88	20	124	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	1,4-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	1,4-Dichlorobenzene	n/a	=	24.2	µg/L	EPA 625	0.55	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	1,4-Dichlorobenzene	n/a	=	48	%	EPA 625	-88	-88	20	124	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	1,4-Dichlorobenzene	n/a	=	24.9	µg/L	EPA 625	0.55	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	1,4-Dichlorobenzene	n/a	=	50	%	EPA 625	-88	-88	20	124	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	1,4-Dichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	method blank	4/11/2013	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2012/13-4	Lab	srgt method blank	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	66.4	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	0.1	157	
2012/13-4	Lab	srgt LCS	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	76.2	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	0.1	157	
2012/13-4	Lab	srgt method blank	3/27/2013	Organic	2,4,6-Tribromophenol	n/a	=	78.1	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/27/2013	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	0.1	157	
2012/13-4	Lab	srgt LCS	3/27/2013	Organic	2,4,6-Tribromophenol	n/a	=	74.2	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/27/2013	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	0.1	157	
2012/13-4	Lab	srgt method blank	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.91	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	Lab	srgt LCS	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.11	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt LCS, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	ME-CC	srgt matrix spike	3/27/2013	Organic	2,4,6-Tribromophenol	n/a	=	77.8	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	3/27/2013	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	0.1	157	
2012/13-4	ME-CC	srgt matrix spike dup	3/27/2013	Organic	2,4,6-Tribromophenol	n/a	=	51.9	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	3/27/2013	Organic	2,4,6-Tribromophenol	n/a	=	52	%	EPA 625	-88	-88	0.1	157	
2012/13-4	ME-CC	srgt environ	3/28/2013	Organic	2,4,6-Tribromophenol	n/a	=	57.1	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/28/2013	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 625	-88	-88	0.1	157	
2012/13-4	ME-CC	srgt matrix spike	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.36	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	ME-CC	srgt matrix spike dup	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.02	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	ME-CC	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.6	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	ME-SCR	srgt environ	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	123	µg/L	EPA 625	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	123	%	EPA 625	-88	-88	0.1	157	
2012/13-4	ME-SCR	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.09	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	ME-VR2	srgt environ	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	66.1	µg/L	EPA 625	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	0.1	157	
2012/13-4	ME-VR2	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.26	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	MO-CAM	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	62.3	µg/L	EPA 625	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	0.1	157	
2012/13-4	MO-CAM	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.53	µg/L	EPA 8270Cm	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-CAM	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	MO-FIL	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	56	µg/L	EPA 625	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625	-88	-88	0.1	157	
2012/13-4	MO-FIL	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.73	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	MO-HUE	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	74.6	µg/L	EPA 625	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	0.1	157	
2012/13-4	MO-HUE	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.04	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	MO-MEI	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	93.7	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MEI	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625	-88	-88	0.1	157	D
2012/13-4	MO-MEI	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	9.6	µg/L	EPA 8270Cm	-88	-88			D
2012/13-4	MO-MEI	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270Cm	-88	-88	44	115	D
2012/13-4	MO-MPK	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	61.2	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MPK	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 625	-88	-88	0.1	157	D
2012/13-4	MO-MPK	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	4.75	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	48	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	MO-OJA	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	88.1	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-OJA	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625	-88	-88	0.1	157	D
2012/13-4	MO-OJA	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	4.94	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	MO-OXN	srgt matrix spike	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	80.6	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	0.1	157	
2012/13-4	MO-OXN	srgt matrix spike dup	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	65.3	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/18/2013	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	0.1	157	
2012/13-4	MO-OXN	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	60.6	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 625	-88	-88	0.1	157	
2012/13-4	MO-OXN	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	7.09	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	MO-SIM	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	70.3	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-SIM	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	0.1	157	D
2012/13-4	MO-SIM	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.64	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	MO-SPA	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	72.3	µg/L	EPA 625	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	0.1	157	
2012/13-4	MO-SPA	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.11	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	MO-THO	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	71.3	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-THO	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	0.1	157	D
2012/13-4	MO-THO	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.57	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	MO-VEN	srgt environ	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	70.6	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-VEN	srgt environ, rec	3/19/2013	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	0.1	157	D
2012/13-4	MO-VEN	srgt environ	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.08	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	4/11/2013	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	44	115	
2012/13-4	Lab	method blank	4/11/2013	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-4	Lab	LCS	4/11/2013	Organic	2,4,6-Trichlorophenol	n/a	=	6.13	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	
2012/13-4	Lab	LCS, rec	4/11/2013	Organic	2,4,6-Trichlorophenol	n/a	=	61	%	EPA 8270Cm	-88	-88	52	150	
2012/13-4	Lab	method blank	4/11/2013	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2012/13-4	Lab	LCS	4/11/2013	Organic	2,4-Dichlorophenol	n/a	=	6.64	µg/L	EPA 8270Cm	0.51	1			
2012/13-4	Lab	LCS, rec	4/11/2013	Organic	2,4-Dichlorophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	53	106	
2012/13-4	Lab	srgt method blank	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.39	µg/L	EPA 515.3	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2012/13-4	Lab	srgt LCS	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.92	µg/L	EPA 515.3	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	srgt matrix spike	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.7	µg/L	EPA 515.3	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	srgt matrix spike dup	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.91	µg/L	EPA 515.3	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	srgt environ	3/22/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.55	µg/L	EPA 515.3	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/22/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-SCR	srgt environ	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.4	µg/L	EPA 515.3	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-VR2	srgt environ	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.54	µg/L	EPA 515.3	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-CAM	srgt environ	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.9	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-FIL	srgt environ	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.63	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-HUE	srgt environ	3/22/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.43	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/22/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-MEI	srgt environ	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.73	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-MEI	srgt environ, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-MPK	srgt environ	3/22/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.99	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	3/22/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OJA	srgt environ	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	srgt matrix spike	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	srgt matrix spike dup	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	srgt environ	3/22/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/22/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-SIM	srgt environ	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.44	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-SPA	srgt environ	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.7	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-THO	srgt environ	3/22/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	3/22/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-VEN	srgt environ	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.6	µg/L	EPA 515.3	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	3/21/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2012/13-4	Lab	method blank	4/11/2013	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-4	Lab	LCS	4/11/2013	Organic	2,4-Dimethylphenol	n/a	=	4.98	µg/L	EPA 8270Cm	1	2			
2012/13-4	Lab	LCS, rec	4/11/2013	Organic	2,4-Dimethylphenol	n/a	=	50	%	EPA 8270Cm	-88	-88	21	99	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	method blank	4/11/2013	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-4	Lab	LCS	4/11/2013	Organic	2,4-Dinitrophenol	n/a	=	8.29	µg/L	EPA 8270Cm	1	2			
2012/13-4	Lab	LCS, rec	4/11/2013	Organic	2,4-Dinitrophenol	n/a	=	83	%	EPA 8270Cm	-88	-88	2	227	
2012/13-4	Lab	method blank	3/18/2013	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	2,4-Dinitrotoluene	n/a	=	34.5	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	2,4-Dinitrotoluene	n/a	=	69	%	EPA 625	-88	-88	39	139	
2012/13-4	Lab	method blank	3/27/2013	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	2,4-Dinitrotoluene	n/a	=	31.5	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	2,4-Dinitrotoluene	n/a	=	63	%	EPA 625	-88	-88	39	139	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	2,4-Dinitrotoluene	n/a	=	33.8	µg/L	EPA 625	0.18	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	2,4-Dinitrotoluene	n/a	=	68	%	EPA 625	-88	-88	39	139	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	2,4-Dinitrotoluene	n/a	=	22.1	µg/L	EPA 625	0.18	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	2,4-Dinitrotoluene	n/a	=	44	%	EPA 625	-88	-88	39	139	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	2,4-Dinitrotoluene	n/a	=	42	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	2,4-Dinitrotoluene	n/a	=	34.5	µg/L	EPA 625	0.18	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	2,4-Dinitrotoluene	n/a	=	69	%	EPA 625	-88	-88	39	139	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	2,4-Dinitrotoluene	n/a	=	32.6	µg/L	EPA 625	0.18	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	2,4-Dinitrotoluene	n/a	=	65	%	EPA 625	-88	-88	39	139	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	2,4-Dinitrotoluene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	2,6-Dinitrotoluene	n/a	=	37.1	µg/L	EPA 625	0.27	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	2,6-Dinitrotoluene	n/a	=	74	%	EPA 625	-88	-88	50	158	
2012/13-4	Lab	method blank	3/27/2013	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	2,6-Dinitrotoluene	n/a	=	33.4	µg/L	EPA 625	0.27	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	2,6-Dinitrotoluene	n/a	=	67	%	EPA 625	-88	-88	50	158	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	2,6-Dinitrotoluene	n/a	=	35	µg/L	EPA 625	0.27	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	2,6-Dinitrotoluene	n/a	=	70	%	EPA 625	-88	-88	50	158	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	2,6-Dinitrotoluene	n/a	=	23.3	µg/L	EPA 625	0.27	1			GB
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	2,6-Dinitrotoluene	n/a	=	47	%	EPA 625	-88	-88	50	158	GB
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	2,6-Dinitrotoluene	n/a	=	40	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	2,6-Dinitrotoluene	n/a	=	44.6	µg/L	EPA 625	0.27	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	2,6-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	50	158	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	2,6-Dinitrotoluene	n/a	=	41.9	µg/L	EPA 625	0.27	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	2,6-Dinitrotoluene	n/a	=	84	%	EPA 625	-88	-88	50	158	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	2,6-Dinitrotoluene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	LCS	3/11/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	4.6	µg/L	EPA 524.2	0.61	1			
2012/13-4	Lab	LCS, rec	3/11/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	77	%	EPA 524.2	-88	-88	70	130	
2012/13-4	Lab	LCS dup	3/11/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	4.97	µg/L	EPA 524.2	0.61	1			
2012/13-4	Lab	LCS dup, rec	3/11/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2012/13-4	Lab	LCS, RPD	3/11/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	8	%	EPA 524.2	-88	-88	0	30	
2012/13-4	Lab	method blank	3/11/2013	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2012/13-4	Lab	method blank	3/18/2013	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	2-Chloronaphthalene	n/a	=	35.7	µg/L	EPA 625	0.45	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	2-Chloronaphthalene	n/a	=	71	%	EPA 625	-88	-88	60	118	
2012/13-4	Lab	method blank	3/27/2013	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	2-Chloronaphthalene	n/a	=	26	µg/L	EPA 625	0.45	1			EUM
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	2-Chloronaphthalene	n/a	=	52	%	EPA 625	-88	-88	60	118	EUM

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	2-Chloronaphthalene	n/a	=	32.3	µg/L	EPA 625	0.45	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	2-Chloronaphthalene	n/a	=	65	%	EPA 625	-88	-88	60	118	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	2-Chloronaphthalene	n/a	=	20	µg/L	EPA 625	0.45	1			GB
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	2-Chloronaphthalene	n/a	=	40	%	EPA 625	-88	-88	60	118	GB
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	2-Chloronaphthalene	n/a	=	47	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	2-Chloronaphthalene	n/a	=	33.9	µg/L	EPA 625	0.45	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	2-Chloronaphthalene	n/a	=	68	%	EPA 625	-88	-88	60	118	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	2-Chloronaphthalene	n/a	=	31.8	µg/L	EPA 625	0.45	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	2-Chloronaphthalene	n/a	=	64	%	EPA 625	-88	-88	60	118	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	2-Chloronaphthalene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	4/11/2013	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2012/13-4	Lab	LCS	4/11/2013	Organic	2-Chlorophenol	n/a	=	5.96	µg/L	EPA 8270Cm	0.65	1			
2012/13-4	Lab	LCS, rec	4/11/2013	Organic	2-Chlorophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	46	92	
2012/13-4	ME-CC	matrix spike	4/11/2013	Organic	2-Chlorophenol	n/a	=	5.51	µg/L	EPA 8270Cm	0.65	1			
2012/13-4	ME-CC	matrix spike, rec	4/11/2013	Organic	2-Chlorophenol	n/a	=	55	%	EPA 8270Cm	-88	-88	47	102	
2012/13-4	ME-CC	matrix spike dup	4/11/2013	Organic	2-Chlorophenol	n/a	=	5.6	µg/L	EPA 8270Cm	0.65	1			
2012/13-4	ME-CC	matrix spike dup, rec	4/11/2013	Organic	2-Chlorophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	47	102	
2012/13-4	ME-CC	matrix spike, RPD	4/11/2013	Organic	2-Chlorophenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	srgt method blank	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	29.6	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625	-88	-88	22	130	
2012/13-4	Lab	srgt LCS	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	35.2	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	130	
2012/13-4	Lab	srgt method blank	3/27/2013	Organic	2-Fluorobiphenyl	n/a	=	33.3	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/27/2013	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	130	
2012/13-4	Lab	srgt LCS	3/27/2013	Organic	2-Fluorobiphenyl	n/a	=	30.2	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/27/2013	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	22	130	
2012/13-4	Lab	srgt method blank	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	3.81	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	Lab	srgt LCS	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	3.65	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt LCS, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	ME-CC	srgt matrix spike	3/27/2013	Organic	2-Fluorobiphenyl	n/a	=	32.3	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	3/27/2013	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	130	
2012/13-4	ME-CC	srgt matrix spike dup	3/27/2013	Organic	2-Fluorobiphenyl	n/a	=	20.4	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	3/27/2013	Organic	2-Fluorobiphenyl	n/a	=	41	%	EPA 625	-88	-88	22	130	
2012/13-4	ME-CC	srgt environ	3/28/2013	Organic	2-Fluorobiphenyl	n/a	=	22.3	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/28/2013	Organic	2-Fluorobiphenyl	n/a	=	45	%	EPA 625	-88	-88	22	130	
2012/13-4	ME-CC	srgt matrix spike	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	3.71	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	ME-CC	srgt matrix spike dup	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	3.34	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	ME-CC	srgt environ	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	3.51	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	ME-SCR	srgt environ	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	56.8	µg/L	EPA 625	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	114	%	EPA 625	-88	-88	22	130	
2012/13-4	ME-SCR	srgt environ	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	3.72	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	ME-VR2	srgt environ	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	29.3	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	ME-VR2	srgt environ, rec	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625	-88	-88	22	130	
2012/13-4	ME-VR2	srgt environ	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	3.59	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	MO-CAM	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	27.7	µg/L	EPA 625	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 625	-88	-88	22	130	
2012/13-4	MO-CAM	srgt environ	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	2.88	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	MO-FIL	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	44	%	EPA 625	-88	-88	22	130	
2012/13-4	MO-FIL	srgt environ	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	3.79	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	MO-HUE	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	35.3	µg/L	EPA 625	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	22	130	
2012/13-4	MO-HUE	srgt environ	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	3.88	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	MO-MEI	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	46	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MEI	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	130	D
2012/13-4	MO-MEI	srgt environ	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	2.58	µg/L	EPA 8270Cm	-88	-88			D,GN
2012/13-4	MO-MEI	srgt environ, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	49	%	EPA 8270Cm	-88	-88	51	139	D,GN
2012/13-4	MO-MPK	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	23.8	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MPK	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	48	%	EPA 625	-88	-88	22	130	D
2012/13-4	MO-MPK	srgt environ	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	3.19	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	MO-OJA	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	42	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-OJA	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	130	D
2012/13-4	MO-OJA	srgt environ	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	2.9	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	MO-OXN	srgt matrix spike	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	35.6	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	22	130	
2012/13-4	MO-OXN	srgt matrix spike dup	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	32.8	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/18/2013	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	130	
2012/13-4	MO-OXN	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	45	%	EPA 625	-88	-88	22	130	
2012/13-4	MO-OXN	srgt environ	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	3.81	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	MO-SIM	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	34.3	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-SIM	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	130	D
2012/13-4	MO-SIM	srgt environ	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	3.96	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	MO-SPA	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	34.5	µg/L	EPA 625	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	130	
2012/13-4	MO-SPA	srgt environ	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	3.19	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	MO-THO	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	37.4	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-THO	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	130	D
2012/13-4	MO-THO	srgt environ	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	3.77	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	4/10/2013	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270Cm	-88	-88	51	139	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-VEN	srgt environ	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	41.4	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-VEN	srgt environ, rec	3/19/2013	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	130	D
2012/13-4	MO-VEN	srgt environ	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	2.85	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	4/9/2013	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 8270Cm	-88	-88	51	139	
2012/13-4	Lab	srgt method blank	3/18/2013	Organic	2-Fluorophenol	n/a	=	39.6	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/18/2013	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	6	96	
2012/13-4	Lab	srgt LCS	3/18/2013	Organic	2-Fluorophenol	n/a	=	42.4	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/18/2013	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	6	96	
2012/13-4	Lab	srgt method blank	3/27/2013	Organic	2-Fluorophenol	n/a	=	47	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/27/2013	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	6	96	
2012/13-4	Lab	srgt LCS	3/27/2013	Organic	2-Fluorophenol	n/a	=	28.3	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/27/2013	Organic	2-Fluorophenol	n/a	=	28	%	EPA 625	-88	-88	6	96	
2012/13-4	Lab	srgt method blank	4/11/2013	Organic	2-Fluorophenol	n/a	=	3.94	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	Lab	srgt LCS	4/11/2013	Organic	2-Fluorophenol	n/a	=	3.52	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt LCS, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	ME-CC	srgt matrix spike	3/27/2013	Organic	2-Fluorophenol	n/a	=	50.8	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	3/27/2013	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	6	96	
2012/13-4	ME-CC	srgt matrix spike dup	3/27/2013	Organic	2-Fluorophenol	n/a	=	31.1	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	3/27/2013	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625	-88	-88	6	96	
2012/13-4	ME-CC	srgt environ	3/28/2013	Organic	2-Fluorophenol	n/a	=	38.2	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/28/2013	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	6	96	
2012/13-4	ME-CC	srgt matrix spike	4/11/2013	Organic	2-Fluorophenol	n/a	=	4.04	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	ME-CC	srgt matrix spike dup	4/11/2013	Organic	2-Fluorophenol	n/a	=	4.06	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	ME-CC	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	4.51	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	ME-SCR	srgt environ	3/18/2013	Organic	2-Fluorophenol	n/a	=	101	µg/L	EPA 625	-88	-88			GN
2012/13-4	ME-SCR	srgt environ, rec	3/18/2013	Organic	2-Fluorophenol	n/a	=	101	%	EPA 625	-88	-88	6	96	GN
2012/13-4	ME-SCR	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	5.22	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	ME-VR2	srgt environ	3/18/2013	Organic	2-Fluorophenol	n/a	=	49.2	µg/L	EPA 625	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/18/2013	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	6	96	
2012/13-4	ME-VR2	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	4.59	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	MO-CAM	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	31	µg/L	EPA 625	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625	-88	-88	6	96	
2012/13-4	MO-CAM	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	2.79	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	28	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	MO-FIL	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	34.7	µg/L	EPA 625	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	6	96	
2012/13-4	MO-FIL	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	5.02	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	MO-HUE	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	48.8	µg/L	EPA 625	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	6	96	
2012/13-4	MO-HUE	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	3.67	µg/L	EPA 8270Cm	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-HUE	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	MO-MEI	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	49.5	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MEI	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	6	96	D
2012/13-4	MO-MEI	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	1.2	µg/L	EPA 8270Cm	-88	-88			D,GN
2012/13-4	MO-MEI	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	11	%	EPA 8270Cm	-88	-88	24	82	D,GN
2012/13-4	MO-MPK	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	17.9	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MPK	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	18	%	EPA 625	-88	-88	6	96	D
2012/13-4	MO-MPK	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	2.7	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	27	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	MO-OJA	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	43.6	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-OJA	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	6	96	D
2012/13-4	MO-OJA	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	2.5	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	25	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	MO-OXN	srgt matrix spike	3/18/2013	Organic	2-Fluorophenol	n/a	=	54.7	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/18/2013	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	6	96	
2012/13-4	MO-OXN	srgt matrix spike dup	3/18/2013	Organic	2-Fluorophenol	n/a	=	47.7	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/18/2013	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	6	96	
2012/13-4	MO-OXN	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	33.2	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	6	96	
2012/13-4	MO-OXN	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	4.97	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	MO-SIM	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	31.5	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-SIM	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	6	96	D
2012/13-4	MO-SIM	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	3.33	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	MO-SPA	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	39	µg/L	EPA 625	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	6	96	
2012/13-4	MO-SPA	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	3	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	MO-THO	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	42.1	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-THO	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	6	96	D
2012/13-4	MO-THO	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	3.28	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270Cm	-88	-88	24	82	
2012/13-4	MO-VEN	srgt environ	3/19/2013	Organic	2-Fluorophenol	n/a	=	35	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-VEN	srgt environ, rec	3/19/2013	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	6	96	D
2012/13-4	MO-VEN	srgt environ	4/11/2013	Organic	2-Fluorophenol	n/a	=	2.05	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-4	MO-VEN	srgt environ, rec	4/11/2013	Organic	2-Fluorophenol	n/a	=	19	%	EPA 8270Cm	-88	-88	24	82	GN
2012/13-4	Lab	method blank	4/9/2013	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	method blank	4/11/2013	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2012/13-4	Lab	method blank	4/11/2013	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2012/13-4	Lab	LCS	4/11/2013	Organic	2-Nitrophenol	n/a	=	6.79	µg/L	EPA 8270Cm	0.71	1			
2012/13-4	Lab	LCS, rec	4/11/2013	Organic	2-Nitrophenol	n/a	=	68	%	EPA 8270Cm	-88	-88	48	197	
2012/13-4	Lab	method blank	3/18/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2012/13-4	Lab	LCS	3/18/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	64	µg/L	EPA 625	1.2	5			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	128	%	EPA 625	-88	-88	0.1	262	
2012/13-4	Lab	method blank	3/27/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2012/13-4	Lab	LCS	3/27/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	69.5	µg/L	EPA 625	1.2	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	139	%	EPA 625	-88	-88	0.1	262	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	4/11/2013	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-4	Lab	method blank	4/11/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2012/13-4	Lab	LCS	4/11/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6.72	µg/L	EPA 8270Cm	0.14	1			
2012/13-4	Lab	LCS, rec	4/11/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	67	%	EPA 8270Cm	-88	-88	56	227	
2012/13-4	Lab	srgt LCS	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	12.8	µg/L	EPA 524.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	128	%	EPA 524.2	-88	-88	70	130	
2012/13-4	Lab	srgt LCS dup	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	12.3	µg/L	EPA 524.2	-88	-88			
2012/13-4	Lab	srgt LCS dup, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	123	%	EPA 524.2	-88	-88	70	130	
2012/13-4	Lab	srgt method blank	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	7.98	µg/L	EPA 524.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-4	ME-CC	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	9.02	µg/L	EPA 524.2	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2012/13-4	ME-SCR	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	8.42	µg/L	EPA 524.2	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2012/13-4	ME-VR2	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	8.4	µg/L	EPA 524.2	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-CAM	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	7.99	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-FIL	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	10.5	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-HUE	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	7.98	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-MEI	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	8.16	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-MEI	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-MPK	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	7.76	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-OJA	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	8.26	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-OXN	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	10.2	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-SIM	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	8.26	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-SPA	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	9.33	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 524.2	-88	-88	70	130	
2012/13-4	MO-THO	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	7.61	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	76	%	EPA 524.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-VEN	srgt environ	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	10.8	µg/L	EPA 524.2	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	3/11/2013	Organic	4-Bromofluorobenzene	n/a	=	108	%	EPA 524.2	-88	-88	70	130	
2012/13-4	Lab	method blank	3/18/2013	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	32.3	µg/L	EPA 625	0.36	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	65	%	EPA 625	-88	-88	56	127	
2012/13-4	Lab	method blank	3/27/2013	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	29.6	µg/L	EPA 625	0.36	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	59	%	EPA 625	-88	-88	56	127	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	32.5	µg/L	EPA 625	0.36	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	65	%	EPA 625	-88	-88	56	127	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	20.8	µg/L	EPA 625	0.36	1			GB
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	42	%	EPA 625	-88	-88	56	127	GB
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	44	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	32.8	µg/L	EPA 625	0.36	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	66	%	EPA 625	-88	-88	56	127	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	32.2	µg/L	EPA 625	0.36	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	64	%	EPA 625	-88	-88	56	127	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	4/11/2013	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2012/13-4	Lab	LCS	4/11/2013	Organic	4-Chloro-3-methylphenol	n/a	=	5.94	µg/L	EPA 8270Cm	0.37	1			
2012/13-4	Lab	LCS, rec	4/11/2013	Organic	4-Chloro-3-methylphenol	n/a	=	59	%	EPA 8270Cm	-88	-88	51	112	
2012/13-4	ME-CC	matrix spike	4/11/2013	Organic	4-Chloro-3-methylphenol	n/a	=	5.7	µg/L	EPA 8270Cm	0.37	1			
2012/13-4	ME-CC	matrix spike, rec	4/11/2013	Organic	4-Chloro-3-methylphenol	n/a	=	57	%	EPA 8270Cm	-88	-88	39	121	
2012/13-4	ME-CC	matrix spike dup	4/11/2013	Organic	4-Chloro-3-methylphenol	n/a	=	6.11	µg/L	EPA 8270Cm	0.37	1			
2012/13-4	ME-CC	matrix spike dup, rec	4/11/2013	Organic	4-Chloro-3-methylphenol	n/a	=	61	%	EPA 8270Cm	-88	-88	39	121	
2012/13-4	ME-CC	matrix spike, RPD	4/11/2013	Organic	4-Chloro-3-methylphenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	35.8	µg/L	EPA 625	0.41	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	72	%	EPA 625	-88	-88	25	158	
2012/13-4	Lab	method blank	3/27/2013	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	30.5	µg/L	EPA 625	0.41	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	61	%	EPA 625	-88	-88	25	158	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	33.4	µg/L	EPA 625	0.41	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	67	%	EPA 625	-88	-88	25	158	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	21.8	µg/L	EPA 625	0.41	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	44	%	EPA 625	-88	-88	25	158	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	42	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	34.8	µg/L	EPA 625	0.41	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	25	158	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	33.8	µg/L	EPA 625	0.41	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	68	%	EPA 625	-88	-88	25	158	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	4/11/2013	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-4	Lab	LCS	4/11/2013	Organic	4-Nitrophenol	n/a	=	2.56	µg/L	EPA 8270Cm	1	2			
2012/13-4	Lab	LCS, rec	4/11/2013	Organic	4-Nitrophenol	n/a	=	26	%	EPA 8270Cm	-88	-88	15	73	
2012/13-4	ME-CC	matrix spike	4/11/2013	Organic	4-Nitrophenol	n/a	=	3.81	µg/L	EPA 8270Cm	1	2			
2012/13-4	ME-CC	matrix spike, rec	4/11/2013	Organic	4-Nitrophenol	n/a	=	38	%	EPA 8270Cm	-88	-88	1	65	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	ME-CC	matrix spike dup	4/11/2013	Organic	4-Nitrophenol	n/a	=	4.09	µg/L	EPA 8270Cm	1	2			
2012/13-4	ME-CC	matrix spike dup, rec	4/11/2013	Organic	4-Nitrophenol	n/a	=	41	%	EPA 8270Cm	-88	-88	1	65	
2012/13-4	ME-CC	matrix spike, RPD	4/11/2013	Organic	4-Nitrophenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Acenaphthene	n/a	=	6.85	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Acenaphthene	n/a	=	68	%	EPA 8270Cm	-88	-88	47	145	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Acenaphthene	n/a	=	5.57	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Acenaphthene	n/a	=	56	%	EPA 8270Cm	-88	-88	47	145	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Acenaphthene	n/a	=	5.84	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Acenaphthene	n/a	=	58	%	EPA 8270Cm	-88	-88	47	145	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Acenaphthene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Acenaphthylene	n/a	=	6.79	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Acenaphthylene	n/a	=	68	%	EPA 8270Cm	-88	-88	33	145	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Acenaphthylene	n/a	=	5.93	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Acenaphthylene	n/a	=	59	%	EPA 8270Cm	-88	-88	33	145	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Acenaphthylene	n/a	=	5.8	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Acenaphthylene	n/a	=	58	%	EPA 8270Cm	-88	-88	33	145	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Acenaphthylene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Anthracene	n/a	=	7.59	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Anthracene	n/a	=	76	%	EPA 8270Cm	-88	-88	27	133	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Anthracene	n/a	=	6.74	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Anthracene	n/a	=	67	%	EPA 8270Cm	-88	-88	27	133	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Anthracene	n/a	=	6.36	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Anthracene	n/a	=	64	%	EPA 8270Cm	-88	-88	27	133	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Anthracene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Benz(a)anthracene	n/a	=	6.93	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Benz(a)anthracene	n/a	=	69	%	EPA 8270Cm	-88	-88	33	143	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Benz(a)anthracene	n/a	=	6.75	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Benz(a)anthracene	n/a	=	68	%	EPA 8270Cm	-88	-88	33	143	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Benz(a)anthracene	n/a	=	6.32	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Benz(a)anthracene	n/a	=	63	%	EPA 8270Cm	-88	-88	33	143	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Benz(a)anthracene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2012/13-4	Lab	method blank	3/27/2013	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2012/13-4	Lab	method blank	3/26/2013	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2012/13-4	Lab	LCS	3/26/2013	Organic	Benzo(a)pyrene	n/a	=	5.27	µg/L	EPA 525.2	0.07	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 525.2	-88	-88	54	136	
2012/13-4	Lab	LCS dup	3/26/2013	Organic	Benzo(a)pyrene	n/a	=	5.33	µg/L	EPA 525.2	0.07	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Organic	Benzo(a)pyrene	n/a	=	107	%	EPA 525.2	-88	-88	54	136	
2012/13-4	Lab	LCS, RPD	3/26/2013	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2012/13-4	Lab	LCS	4/5/2013	Organic	Benzo(a)pyrene	n/a	=	4.92	µg/L	EPA 525.2	0.07	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 525.2	-88	-88	54	136	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Organic	Benzo(a)pyrene	n/a	=	2.07	µg/L	EPA 525.2	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	
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Organic	Benzo(a)pyrene	n/a	=	41	%	EPA 525.2	-88	-88	29	153	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Organic	Benzo(a)pyrene	n/a	=	1.98	µg/L	EPA 525.2	0.07	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Organic	Benzo(a)pyrene	n/a	=	40	%	EPA 525.2	-88	-88	29	153	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Benzo(b)fluoranthene	n/a	=	5.93	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Benzo(b)fluoranthene	n/a	=	59	%	EPA 8270Cm	-88	-88	24	159	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Benzo(b)fluoranthene	n/a	=	6.04	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Benzo(b)fluoranthene	n/a	=	60	%	EPA 8270Cm	-88	-88	24	159	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Benzo(b)fluoranthene	n/a	=	5.84	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Benzo(b)fluoranthene	n/a	=	58	%	EPA 8270Cm	-88	-88	24	159	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Benzo(g,h,i)perylene	n/a	=	5.85	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Benzo(g,h,i)perylene	n/a	=	59	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Benzo(g,h,i)perylene	n/a	=	6.33	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Benzo(g,h,i)perylene	n/a	=	63	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Benzo(g,h,i)perylene	n/a	=	5.89	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Benzo(g,h,i)perylene	n/a	=	59	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Benzo(g,h,i)perylene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Benzo(k)fluoranthene	n/a	=	5.84	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Benzo(k)fluoranthene	n/a	=	58	%	EPA 8270Cm	-88	-88	11	162	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Benzo(k)fluoranthene	n/a	=	5.92	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Benzo(k)fluoranthene	n/a	=	59	%	EPA 8270Cm	-88	-88	11	162	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Benzo(k)fluoranthene	n/a	=	5.67	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Benzo(k)fluoranthene	n/a	=	57	%	EPA 8270Cm	-88	-88	11	162	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	38	µg/L	EPA 625	0.25	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	76	%	EPA 625	-88	-88	33	184	
2012/13-4	Lab	method blank	3/27/2013	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	29.9	µg/L	EPA 625	0.25	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	60	%	EPA 625	-88	-88	33	184	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	35.3	µg/L	EPA 625	0.25	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	71	%	EPA 625	-88	-88	33	184	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	20.6	µg/L	EPA 625	0.25	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	41	%	EPA 625	-88	-88	33	184	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	53	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	41.9	µg/L	EPA 625	0.25	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	84	%	EPA 625	-88	-88	33	184	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	37.2	µg/L	EPA 625	0.25	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	74	%	EPA 625	-88	-88	33	184	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	12	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	36.4	µg/L	EPA 625	0.27	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	73	%	EPA 625	-88	-88	12	158	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	method blank	3/27/2013	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	23.3	µg/L	EPA 625	0.27	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	47	%	EPA 625	-88	-88	12	158	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	33.4	µg/L	EPA 625	0.27	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625	-88	-88	12	158	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	18.6	µg/L	EPA 625	0.27	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	37	%	EPA 625	-88	-88	12	158	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	57	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	35.5	µg/L	EPA 625	0.27	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625	-88	-88	12	158	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	32.7	µg/L	EPA 625	0.27	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	65	%	EPA 625	-88	-88	12	158	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	45	µg/L	EPA 625	0.38	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	90	%	EPA 625	-88	-88	36	166	
2012/13-4	Lab	method blank	3/27/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	29.4	µg/L	EPA 625	0.38	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	59	%	EPA 625	-88	-88	36	166	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	42.8	µg/L	EPA 625	0.38	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	86	%	EPA 625	-88	-88	36	166	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	23.4	µg/L	EPA 625	0.38	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	47	%	EPA 625	-88	-88	36	166	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	58	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	45.4	µg/L	EPA 625	0.38	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	91	%	EPA 625	-88	-88	36	166	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	44.5	µg/L	EPA 625	0.38	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	89	%	EPA 625	-88	-88	36	166	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/26/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2012/13-4	Lab	LCS	3/26/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	7.63	µg/L	EPA 525.2	0.1	5			EUM
2012/13-4	Lab	LCS, rec	3/26/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	153	%	EPA 525.2	-88	-88	50	145	EUM
2012/13-4	Lab	LCS dup	3/26/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	7.5	µg/L	EPA 525.2	0.1	5			EUM
2012/13-4	Lab	LCS dup, rec	3/26/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	150	%	EPA 525.2	-88	-88	50	145	EUM
2012/13-4	Lab	LCS, RPD	3/26/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2012/13-4	Lab	LCS	4/5/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	7.85	µg/L	EPA 525.2	0.1	5			EUM
2012/13-4	Lab	LCS, rec	4/5/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	157	%	EPA 525.2	-88	-88	50	145	EUM
2012/13-4	MO-OXN	matrix spike	4/5/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.96	µg/L	EPA 525.2	0.1	5			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	139	%	EPA 525.2	-88	-88	28	147	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.36	µg/L	EPA 525.2	0.1	5			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	127	%	EPA 525.2	-88	-88	28	147	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	3/26/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2012/13-4	Lab	LCS	3/26/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.07	µg/L	EPA 525.2	1.1	3			
2012/13-4	Lab	LCS, rec	3/26/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	141	%	EPA 525.2	-88	-88	54	142	
2012/13-4	Lab	LCS dup	3/26/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.1	µg/L	EPA 525.2	1.1	3			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	LCS dup, rec	3/26/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	142	%	EPA 525.2	-88	-88	54	142	
2012/13-4	Lab	LCS, RPD	3/26/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2012/13-4	Lab	LCS	4/5/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.34	µg/L	EPA 525.2	1.1	3			EUM
2012/13-4	Lab	LCS, rec	4/5/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	147	%	EPA 525.2	-88	-88	54	142	EUM
2012/13-4	MO-OXN	matrix spike	4/5/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.11	µg/L	EPA 525.2	1.1	3			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	142	%	EPA 525.2	-88	-88	23	154	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.97	µg/L	EPA 525.2	1.1	3			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	119	%	EPA 525.2	-88	-88	23	154	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Butyl benzyl phthalate	n/a	DNQ	0.42	µg/L	EPA 625	0.18	1			IP
2012/13-4	Lab	LCS	3/18/2013	Organic	Butyl benzyl phthalate	n/a	=	42.2	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Butyl benzyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	152	
2012/13-4	Lab	method blank	3/27/2013	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Butyl benzyl phthalate	n/a	=	38.7	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Butyl benzyl phthalate	n/a	=	77	%	EPA 625	-88	-88	0.1	152	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Butyl benzyl phthalate	n/a	=	43.2	µg/L	EPA 625	0.18	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Butyl benzyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	152	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Butyl benzyl phthalate	n/a	=	28.7	µg/L	EPA 625	0.18	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Butyl benzyl phthalate	n/a	=	57	%	EPA 625	-88	-88	0.1	152	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Butyl benzyl phthalate	n/a	=	40	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Butyl benzyl phthalate	n/a	=	44.8	µg/L	EPA 625	0.18	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Butyl benzyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	152	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Butyl benzyl phthalate	n/a	=	43.8	µg/L	EPA 625	0.18	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Butyl benzyl phthalate	n/a	=	81	%	EPA 625	-88	-88	0.1	152	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Chrysene	n/a	=	7.84	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Chrysene	n/a	=	78	%	EPA 8270Cm	-88	-88	17	168	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Chrysene	n/a	=	7.54	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Chrysene	n/a	=	75	%	EPA 8270Cm	-88	-88	17	168	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Chrysene	n/a	=	7.35	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Chrysene	n/a	=	73	%	EPA 8270Cm	-88	-88	17	168	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Chrysene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Dibenz(a,h)anthracene	n/a	=	6.72	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Dibenz(a,h)anthracene	n/a	=	67	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Dibenz(a,h)anthracene	n/a	=	7.69	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Dibenz(a,h)anthracene	n/a	=	77	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Dibenz(a,h)anthracene	n/a	=	7.3	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Dibenz(a,h)anthracene	n/a	=	73	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Diethyl phthalate	n/a	=	38.6	µg/L	EPA 625	0.15	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Diethyl phthalate	n/a	=	77	%	EPA 625	-88	-88	0.1	112	
2012/13-4	Lab	method blank	3/27/2013	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Diethyl phthalate	n/a	=	35.2	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	
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Diethyl phthalate	n/a	=	70	%	EPA 625	-88	-88	0.1	112	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Diethyl phthalate	n/a	=	38.7	µg/L	EPA 625	0.15	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Diethyl phthalate	n/a	=	76	%	EPA 625	-88	-88	0.1	112	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Diethyl phthalate	n/a	=	24.8	µg/L	EPA 625	0.15	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Diethyl phthalate	n/a	=	48	%	EPA 625	-88	-88	0.1	112	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Diethyl phthalate	n/a	=	44	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Diethyl phthalate	n/a	=	40.4	µg/L	EPA 625	0.15	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Diethyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	112	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Diethyl phthalate	n/a	=	38.8	µg/L	EPA 625	0.15	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Diethyl phthalate	n/a	=	76	%	EPA 625	-88	-88	0.1	112	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Diethyl phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Dimethyl phthalate	n/a	=	35.2	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Dimethyl phthalate	n/a	=	70	%	EPA 625	-88	-88	0.1	112	
2012/13-4	Lab	method blank	3/27/2013	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Dimethyl phthalate	n/a	=	32.5	µg/L	EPA 625	0.18	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Dimethyl phthalate	n/a	=	65	%	EPA 625	-88	-88	0.1	112	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Dimethyl phthalate	n/a	=	33.8	µg/L	EPA 625	0.18	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Dimethyl phthalate	n/a	=	68	%	EPA 625	-88	-88	0.1	112	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Dimethyl phthalate	n/a	=	22.6	µg/L	EPA 625	0.18	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Dimethyl phthalate	n/a	=	45	%	EPA 625	-88	-88	0.1	112	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Dimethyl phthalate	n/a	=	40	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Dimethyl phthalate	n/a	=	38	µg/L	EPA 625	0.18	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Dimethyl phthalate	n/a	=	76	%	EPA 625	-88	-88	0.1	112	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Dimethyl phthalate	n/a	=	35.8	µg/L	EPA 625	0.18	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Dimethyl phthalate	n/a	=	72	%	EPA 625	-88	-88	0.1	112	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Dimethyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Di-n-butylphthalate	n/a	=	40.3	µg/L	EPA 625	0.24	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Di-n-butylphthalate	n/a	=	81	%	EPA 625	-88	-88	1	118	
2012/13-4	Lab	method blank	3/27/2013	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Di-n-butylphthalate	n/a	=	36	µg/L	EPA 625	0.24	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Di-n-butylphthalate	n/a	=	72	%	EPA 625	-88	-88	1	118	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Di-n-butylphthalate	n/a	=	39.6	µg/L	EPA 625	0.24	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625	-88	-88	1	118	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Di-n-butylphthalate	n/a	=	26.4	µg/L	EPA 625	0.24	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Di-n-butylphthalate	n/a	=	53	%	EPA 625	-88	-88	1	118	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Di-n-butylphthalate	n/a	=	40	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Di-n-butylphthalate	n/a	=	44.3	µg/L	EPA 625	0.24	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Di-n-butylphthalate	n/a	=	87	%	EPA 625	-88	-88	1	118	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Di-n-butylphthalate	n/a	=	41.9	µg/L	EPA 625	0.24	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Di-n-butylphthalate	n/a	=	82	%	EPA 625	-88	-88	1	118	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Di-n-butylphthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Di-n-octylphthalate	n/a	=	41.1	µg/L	EPA 625	0.19	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Di-n-octylphthalate	n/a	=	82	%	EPA 625	-88	-88	6	146	
2012/13-4	Lab	method blank	3/27/2013	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	LCS	3/27/2013	Organic	Di-n-octylphthalate	n/a	=	37.2	µg/L	EPA 625	0.19	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Di-n-octylphthalate	n/a	=	74	%	EPA 625	-88	-88	6	146	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Di-n-octylphthalate	n/a	=	41.6	µg/L	EPA 625	0.19	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Di-n-octylphthalate	n/a	=	83	%	EPA 625	-88	-88	6	146	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Di-n-octylphthalate	n/a	=	27.8	µg/L	EPA 625	0.19	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Di-n-octylphthalate	n/a	=	56	%	EPA 625	-88	-88	6	146	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Di-n-octylphthalate	n/a	=	40	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Di-n-octylphthalate	n/a	=	42.9	µg/L	EPA 625	0.19	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Di-n-octylphthalate	n/a	=	86	%	EPA 625	-88	-88	6	146	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Di-n-octylphthalate	n/a	=	42.6	µg/L	EPA 625	0.19	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Di-n-octylphthalate	n/a	=	85	%	EPA 625	-88	-88	6	146	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Di-n-octylphthalate	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Fluoranthene	n/a	=	7.21	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Fluoranthene	n/a	=	72	%	EPA 8270Cm	-88	-88	26	137	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Fluoranthene	n/a	=	7.17	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Fluoranthene	n/a	=	72	%	EPA 8270Cm	-88	-88	26	137	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Fluoranthene	n/a	=	6.75	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Fluoranthene	n/a	=	67	%	EPA 8270Cm	-88	-88	26	137	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Fluoranthene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Fluorene	n/a	=	7.27	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Fluorene	n/a	=	73	%	EPA 8270Cm	-88	-88	59	121	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Fluorene	n/a	=	6.54	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Fluorene	n/a	=	65	%	EPA 8270Cm	-88	-88	59	121	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Fluorene	n/a	=	6.5	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Fluorene	n/a	=	65	%	EPA 8270Cm	-88	-88	59	121	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Fluorene	n/a	=	0.6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Hexachlorobenzene	n/a	=	37.5	µg/L	EPA 625	0.49	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Hexachlorobenzene	n/a	=	75	%	EPA 625	-88	-88	0.1	152	
2012/13-4	Lab	method blank	3/27/2013	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Hexachlorobenzene	n/a	=	34.9	µg/L	EPA 625	0.49	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Hexachlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	152	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Hexachlorobenzene	n/a	=	37.8	µg/L	EPA 625	0.49	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Hexachlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	152	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Hexachlorobenzene	n/a	=	24.6	µg/L	EPA 625	0.49	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Hexachlorobenzene	n/a	=	49	%	EPA 625	-88	-88	0.1	152	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Hexachlorobenzene	n/a	=	42	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Hexachlorobenzene	n/a	=	38.1	µg/L	EPA 625	0.49	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Hexachlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	152	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Hexachlorobenzene	n/a	=	37.1	µg/L	EPA 625	0.49	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Hexachlorobenzene	n/a	=	74	%	EPA 625	-88	-88	0.1	152	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Hexachlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Hexachlorobutadiene	n/a	=	34	µg/L	EPA 625	0.47	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Hexachlorobutadiene	n/a	=	68	%	EPA 625	-88	-88	24	116	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	method blank	3/27/2013	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Hexachlorobutadiene	n/a	=	18.8	µg/L	EPA 625	0.47	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Hexachlorobutadiene	n/a	=	38	%	EPA 625	-88	-88	24	116	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Hexachlorobutadiene	n/a	=	32.2	µg/L	EPA 625	0.47	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Hexachlorobutadiene	n/a	=	64	%	EPA 625	-88	-88	24	116	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Hexachlorobutadiene	n/a	=	18.5	µg/L	EPA 625	0.47	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Hexachlorobutadiene	n/a	=	37	%	EPA 625	-88	-88	24	116	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Hexachlorobutadiene	n/a	=	54	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Hexachlorobutadiene	n/a	=	28.8	µg/L	EPA 625	0.47	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Hexachlorobutadiene	n/a	=	58	%	EPA 625	-88	-88	24	116	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Hexachlorobutadiene	n/a	=	27.6	µg/L	EPA 625	0.47	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Hexachlorobutadiene	n/a	=	55	%	EPA 625	-88	-88	24	116	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Hexachlorobutadiene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2012/13-4	Lab	LCS	3/18/2013	Organic	Hexachlorocyclopentadiene	n/a	=	12.6	µg/L	EPA 625	1.5	5			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Hexachlorocyclopentadiene	n/a	=	25	%	EPA 625	-88	-88	0.1	136	
2012/13-4	Lab	method blank	3/27/2013	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2012/13-4	Lab	LCS	3/27/2013	Organic	Hexachlorocyclopentadiene	n/a	=	16.9	µg/L	EPA 625	1.5	5			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Hexachlorocyclopentadiene	n/a	=	34	%	EPA 625	-88	-88	0.1	136	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Hexachlorocyclopentadiene	n/a	=	23.7	µg/L	EPA 625	1.5	5			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Hexachlorocyclopentadiene	n/a	=	47	%	EPA 625	-88	-88	0.1	146	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Hexachlorocyclopentadiene	n/a	=	12.3	µg/L	EPA 625	1.5	5			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Hexachlorocyclopentadiene	n/a	=	25	%	EPA 625	-88	-88	0.1	146	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Hexachlorocyclopentadiene	n/a	=	63	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Hexachlorocyclopentadiene	n/a	=	9.16	µg/L	EPA 625	1.5	5			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Hexachlorocyclopentadiene	n/a	=	18	%	EPA 625	-88	-88	0.1	146	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Hexachlorocyclopentadiene	n/a	=	7.3	µg/L	EPA 625	1.5	5			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Hexachlorocyclopentadiene	n/a	=	15	%	EPA 625	-88	-88	0.1	146	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Hexachlorocyclopentadiene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Hexachloroethane	n/a	=	28	µg/L	EPA 625	0.52	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Hexachloroethane	n/a	=	56	%	EPA 625	-88	-88	40	113	
2012/13-4	Lab	method blank	3/27/2013	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Hexachloroethane	n/a	=	13.8	µg/L	EPA 625	0.52	1			EUM
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Hexachloroethane	n/a	=	28	%	EPA 625	-88	-88	40	113	EUM
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Hexachloroethane	n/a	=	27	µg/L	EPA 625	0.52	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Hexachloroethane	n/a	=	54	%	EPA 625	-88	-88	40	113	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Hexachloroethane	n/a	=	14	µg/L	EPA 625	0.52	1			GB
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Hexachloroethane	n/a	=	28	%	EPA 625	-88	-88	40	113	GB
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Hexachloroethane	n/a	=	64	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Hexachloroethane	n/a	=	19.2	µg/L	EPA 625	0.52	1			GB
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Hexachloroethane	n/a	=	38	%	EPA 625	-88	-88	40	113	GB
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Hexachloroethane	n/a	=	18.6	µg/L	EPA 625	0.52	1			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Hexachloroethane	n/a	=	37	%	EPA 625	-88	-88	40	113	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Hexachloroethane	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	4/9/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6	µg/L	EPA 8270Cm	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	60	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.77	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	68	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.42	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	64	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Isophorone	n/a	=	36.3	µg/L	EPA 625	0.21	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Isophorone	n/a	=	73	%	EPA 625	-88	-88	21	196	
2012/13-4	Lab	method blank	3/27/2013	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Isophorone	n/a	=	31.8	µg/L	EPA 625	0.21	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Isophorone	n/a	=	64	%	EPA 625	-88	-88	21	196	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Isophorone	n/a	=	33.9	µg/L	EPA 625	0.21	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Isophorone	n/a	=	68	%	EPA 625	-88	-88	21	196	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Isophorone	n/a	=	21.1	µg/L	EPA 625	0.21	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Isophorone	n/a	=	42	%	EPA 625	-88	-88	21	196	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Isophorone	n/a	=	47	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Isophorone	n/a	=	43	µg/L	EPA 625	0.21	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Isophorone	n/a	=	86	%	EPA 625	-88	-88	21	196	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Isophorone	n/a	=	37.9	µg/L	EPA 625	0.21	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Isophorone	n/a	=	76	%	EPA 625	-88	-88	21	196	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Isophorone	n/a	=	13	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	LCS	3/11/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.7	µg/L	EPA 524.2	0.19	2			
2012/13-4	Lab	LCS, rec	3/11/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2012/13-4	Lab	LCS dup	3/11/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.52	µg/L	EPA 524.2	0.19	2			
2012/13-4	Lab	LCS dup, rec	3/11/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	75	%	EPA 524.2	-88	-88	70	130	
2012/13-4	Lab	LCS, RPD	3/11/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4	%	EPA 524.2	-88	-88	0	30	
2012/13-4	Lab	method blank	3/11/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2012/13-4	Lab	method blank	4/9/2013	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Naphthalene	n/a	=	6.02	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Naphthalene	n/a	=	60	%	EPA 8270Cm	-88	-88	21	133	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Naphthalene	n/a	=	5.12	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Naphthalene	n/a	=	51	%	EPA 8270Cm	-88	-88	21	133	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Naphthalene	n/a	=	5.11	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Naphthalene	n/a	=	51	%	EPA 8270Cm	-88	-88	21	133	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Naphthalene	n/a	=	0.2	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	Nitrobenzene	n/a	=	39.1	µg/L	EPA 625	0.36	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	Nitrobenzene	n/a	=	78	%	EPA 625	-88	-88	35	180	
2012/13-4	Lab	method blank	3/27/2013	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	Nitrobenzene	n/a	=	28.1	µg/L	EPA 625	0.36	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	Nitrobenzene	n/a	=	56	%	EPA 625	-88	-88	35	180	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	Nitrobenzene	n/a	=	36.2	µg/L	EPA 625	0.36	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	Nitrobenzene	n/a	=	72	%	EPA 625	-88	-88	35	180	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	Nitrobenzene	n/a	=	21	µg/L	EPA 625	0.36	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	Nitrobenzene	n/a	=	42	%	EPA 625	-88	-88	35	180	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	Nitrobenzene	n/a	=	53	%	EPA 625	-88	-88	0	30	IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	Nitrobenzene	n/a	=	40.5	µg/L	EPA 625	0.36	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	Nitrobenzene	n/a	=	81	%	EPA 625	-88	-88	35	180	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	Nitrobenzene	n/a	=	36.6	µg/L	EPA 625	0.36	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	Nitrobenzene	n/a	=	73	%	EPA 625	-88	-88	35	180	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	Nitrobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	srgt method blank	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	34.9	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 625	-88	-88	34	139	
2012/13-4	Lab	srgt LCS	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	38.6	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	34	139	
2012/13-4	Lab	srgt method blank	3/27/2013	Organic	Nitrobenzene-d5	n/a	=	42.4	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/27/2013	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	34	139	
2012/13-4	Lab	srgt LCS	3/27/2013	Organic	Nitrobenzene-d5	n/a	=	29.3	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/27/2013	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 625	-88	-88	34	139	
2012/13-4	Lab	srgt method blank	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	3.1	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	Lab	srgt LCS	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	3.33	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt LCS, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	ME-CC	srgt matrix spike	3/27/2013	Organic	Nitrobenzene-d5	n/a	=	36	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	3/27/2013	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	34	139	
2012/13-4	ME-CC	srgt matrix spike dup	3/27/2013	Organic	Nitrobenzene-d5	n/a	=	21.3	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	3/27/2013	Organic	Nitrobenzene-d5	n/a	=	43	%	EPA 625	-88	-88	34	139	
2012/13-4	ME-CC	srgt environ	3/28/2013	Organic	Nitrobenzene-d5	n/a	=	26.8	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/28/2013	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625	-88	-88	34	139	
2012/13-4	ME-CC	srgt matrix spike	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	3.25	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	ME-CC	srgt matrix spike dup	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	3.1	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	ME-CC	srgt environ	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	3.01	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	ME-SCR	srgt environ	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	74.1	µg/L	EPA 625	-88	-88			GN
2012/13-4	ME-SCR	srgt environ, rec	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	148	%	EPA 625	-88	-88	34	139	GN
2012/13-4	ME-SCR	srgt environ	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	3.11	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	ME-VR2	srgt environ	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	32.6	µg/L	EPA 625	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	34	139	
2012/13-4	ME-VR2	srgt environ	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	3.16	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	MO-CAM	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	29.5	µg/L	EPA 625	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 625	-88	-88	34	139	
2012/13-4	MO-CAM	srgt environ	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	2.31	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-4	MO-CAM	srgt environ, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	46	%	EPA 8270Cm	-88	-88	51	143	GN
2012/13-4	MO-FIL	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	21.5	µg/L	EPA 625	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	43	%	EPA 625	-88	-88	34	139	
2012/13-4	MO-FIL	srgt environ	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	3.24	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	MO-HUE	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	42	µg/L	EPA 625	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/19/2013	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	
2012/13-4	MO-HUE	srgt environ	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	3.36	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	MO-MEI	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	44.6	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MEI	srgt environ, rec	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	34	139	D
2012/13-4	MO-MEI	srgt environ	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	1.36	µg/L	EPA 8270Cm	-88	-88			D,GN
2012/13-4	MO-MEI	srgt environ, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	26	%	EPA 8270Cm	-88	-88	51	143	D,GN
2012/13-4	MO-MPK	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	18.6	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MPK	srgt environ, rec	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	37	%	EPA 625	-88	-88	34	139	D
2012/13-4	MO-MPK	srgt environ	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	2.54	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	MO-OJA	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	40.9	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-OJA	srgt environ, rec	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	34	139	D
2012/13-4	MO-OJA	srgt environ	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	2.34	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-4	MO-OJA	srgt environ, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	47	%	EPA 8270Cm	-88	-88	51	143	GN
2012/13-4	MO-OXN	srgt matrix spike	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	40.1	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	34	139	
2012/13-4	MO-OXN	srgt matrix spike dup	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	35.6	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/18/2013	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625	-88	-88	34	139	
2012/13-4	MO-OXN	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	24.4	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	49	%	EPA 625	-88	-88	34	139	
2012/13-4	MO-OXN	srgt environ	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	3.18	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	MO-SIM	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	32.9	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-SIM	srgt environ, rec	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 625	-88	-88	34	139	D
2012/13-4	MO-SIM	srgt environ	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	3.35	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	MO-SPA	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	37.6	µg/L	EPA 625	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	34	139	
2012/13-4	MO-SPA	srgt environ	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	2.78	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	MO-THO	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	37.6	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-THO	srgt environ, rec	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	34	139	D
2012/13-4	MO-THO	srgt environ	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	3.15	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	4/10/2013	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270Cm	-88	-88	51	143	
2012/13-4	MO-VEN	srgt environ	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	41.2	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-VEN	srgt environ, rec	3/19/2013	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	34	139	D
2012/13-4	MO-VEN	srgt environ	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	2.25	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-4	MO-VEN	srgt environ, rec	4/9/2013	Organic	Nitrobenzene-d5	n/a	=	43	%	EPA 8270Cm	-88	-88	51	143	GN
2012/13-4	Lab	method blank	3/18/2013	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	N-Nitrosodimethylamine	n/a	=	22.3	µg/L	EPA 625	0.14	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625	-88	-88	27	78	
2012/13-4	Lab	method blank	3/27/2013	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	N-Nitrosodimethylamine	n/a	=	15.4	µg/L	EPA 625	0.14	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	N-Nitrosodimethylamine	n/a	=	31	%	EPA 625	-88	-88	27	78	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	N-Nitrosodimethylamine	n/a	=	29.9	µg/L	EPA 625	0.14	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	N-Nitrosodimethylamine	n/a	=	60	%	EPA 625	-88	-88	22	70	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	N-Nitrosodimethylamine	n/a	=	20.5	µg/L	EPA 625	0.14	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	N-Nitrosodimethylamine	n/a	=	41	%	EPA 625	-88	-88	22	70	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	N-Nitrosodimethylamine	n/a	=	37	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	N-Nitrosodimethylamine	n/a	=	26.6	µg/L	EPA 625	0.14	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	N-Nitrosodimethylamine	n/a	=	53	%	EPA 625	-88	-88	22	70	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	N-Nitrosodimethylamine	n/a	=	27	µg/L	EPA 625	0.14	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	N-Nitrosodimethylamine	n/a	=	54	%	EPA 625	-88	-88	22	70	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	N-Nitrosodimethylamine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	37.5	µg/L	EPA 625	0.26	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	75	%	EPA 625	-88	-88	0.1	230	
2012/13-4	Lab	method blank	3/27/2013	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	30.8	µg/L	EPA 625	0.26	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	62	%	EPA 625	-88	-88	0.1	230	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	33.4	µg/L	EPA 625	0.26	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	67	%	EPA 625	-88	-88	0.1	230	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.7	µg/L	EPA 625	0.26	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	39	%	EPA 625	-88	-88	0.1	230	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	51	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	40.4	µg/L	EPA 625	0.26	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	81	%	EPA 625	-88	-88	0.1	230	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	37	µg/L	EPA 625	0.26	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	74	%	EPA 625	-88	-88	0.1	230	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	N-Nitrosodiphenylamine	n/a	=	31.3	µg/L	EPA 625	0.19	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	N-Nitrosodiphenylamine	n/a	=	63	%	EPA 625	-88	-88	48	129	
2012/13-4	Lab	method blank	3/27/2013	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	N-Nitrosodiphenylamine	n/a	=	29.1	µg/L	EPA 625	0.19	1			
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	N-Nitrosodiphenylamine	n/a	=	58	%	EPA 625	-88	-88	48	129	
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	N-Nitrosodiphenylamine	n/a	=	20.6	µg/L	EPA 625	0.19	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	N-Nitrosodiphenylamine	n/a	=	41	%	EPA 625	-88	-88	17	138	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	N-Nitrosodiphenylamine	n/a	=	13.9	µg/L	EPA 625	0.19	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	N-Nitrosodiphenylamine	n/a	=	28	%	EPA 625	-88	-88	17	138	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	N-Nitrosodiphenylamine	n/a	=	39	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	N-Nitrosodiphenylamine	n/a	=	26.3	µg/L	EPA 625	0.19	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	N-Nitrosodiphenylamine	n/a	=	53	%	EPA 625	-88	-88	17	138	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	N-Nitrosodiphenylamine	n/a	=	28.5	µg/L	EPA 625	0.19	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	N-Nitrosodiphenylamine	n/a	=	57	%	EPA 625	-88	-88	17	138	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	N-Nitrosodiphenylamine	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	srgt method blank	3/26/2013	Organic	Perylene-d12	n/a	=	4.04	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/26/2013	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	48	141	
2012/13-4	Lab	srgt LCS	3/26/2013	Organic	Perylene-d12	n/a	=	5.45	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/26/2013	Organic	Perylene-d12	n/a	=	109	%	EPA 525.2	-88	-88	48	141	
2012/13-4	Lab	srgt LCS dup	3/26/2013	Organic	Perylene-d12	n/a	=	5.44	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS dup, rec	3/26/2013	Organic	Perylene-d12	n/a	=	109	%	EPA 525.2	-88	-88	48	141	
2012/13-4	Lab	srgt method blank	4/5/2013	Organic	Perylene-d12	n/a	=	3.29	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/5/2013	Organic	Perylene-d12	n/a	=	66	%	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	
2012/13-4	Lab	srgt LCS	4/5/2013	Organic	Perylene-d12	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	4/5/2013	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	48	141	
2012/13-4	ME-CC	srgt environ	4/6/2013	Organic	Perylene-d12	n/a	=	1.72	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	ME-CC	srgt environ, rec	4/6/2013	Organic	Perylene-d12	n/a	=	34	%	EPA 525.2	-88	-88	48	141	GN
2012/13-4	ME-SCR	srgt environ	3/26/2013	Organic	Perylene-d12	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/26/2013	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	48	141	
2012/13-4	ME-VR2	srgt environ	3/26/2013	Organic	Perylene-d12	n/a	=	4.83	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/26/2013	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	48	141	
2012/13-4	MO-CAM	srgt environ	3/26/2013	Organic	Perylene-d12	n/a	=	2.89	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/26/2013	Organic	Perylene-d12	n/a	=	58	%	EPA 525.2	-88	-88	48	141	
2012/13-4	MO-FIL	srgt environ	3/26/2013	Organic	Perylene-d12	n/a	=	2.55	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/26/2013	Organic	Perylene-d12	n/a	=	51	%	EPA 525.2	-88	-88	48	141	
2012/13-4	MO-HUE	srgt environ	4/6/2013	Organic	Perylene-d12	n/a	=	1.69	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-HUE	srgt environ, rec	4/6/2013	Organic	Perylene-d12	n/a	=	34	%	EPA 525.2	-88	-88	48	141	GN
2012/13-4	MO-MEI	srgt environ	3/26/2013	Organic	Perylene-d12	n/a	=	2.23	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-MEI	srgt environ, rec	3/26/2013	Organic	Perylene-d12	n/a	=	45	%	EPA 525.2	-88	-88	48	141	GN
2012/13-4	MO-MPK	srgt environ	4/6/2013	Organic	Perylene-d12	n/a	=	1.91	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-MPK	srgt environ, rec	4/6/2013	Organic	Perylene-d12	n/a	=	38	%	EPA 525.2	-88	-88	48	141	GN
2012/13-4	MO-OJA	srgt environ	3/26/2013	Organic	Perylene-d12	n/a	=	2.56	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	3/26/2013	Organic	Perylene-d12	n/a	=	51	%	EPA 525.2	-88	-88	48	141	
2012/13-4	MO-OXN	srgt matrix spike	4/5/2013	Organic	Perylene-d12	n/a	=	1.62	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-OXN	srgt matrix spike, rec	4/5/2013	Organic	Perylene-d12	n/a	=	32	%	EPA 525.2	-88	-88	48	141	GN
2012/13-4	MO-OXN	srgt matrix spike dup	4/5/2013	Organic	Perylene-d12	n/a	=	1.63	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-OXN	srgt matrix spike dup, rec	4/5/2013	Organic	Perylene-d12	n/a	=	33	%	EPA 525.2	-88	-88	48	141	GN
2012/13-4	MO-OXN	srgt environ	4/6/2013	Organic	Perylene-d12	n/a	=	1.73	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-OXN	srgt environ, rec	4/6/2013	Organic	Perylene-d12	n/a	=	35	%	EPA 525.2	-88	-88	48	141	GN
2012/13-4	MO-SIM	srgt environ	3/26/2013	Organic	Perylene-d12	n/a	=	2.21	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-SIM	srgt environ, rec	3/26/2013	Organic	Perylene-d12	n/a	=	44	%	EPA 525.2	-88	-88	48	141	GN
2012/13-4	MO-SPA	srgt environ	3/26/2013	Organic	Perylene-d12	n/a	=	2.74	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/26/2013	Organic	Perylene-d12	n/a	=	55	%	EPA 525.2	-88	-88	48	141	
2012/13-4	MO-THO	srgt environ	4/6/2013	Organic	Perylene-d12	n/a	=	2.07	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-THO	srgt environ, rec	4/6/2013	Organic	Perylene-d12	n/a	=	41	%	EPA 525.2	-88	-88	48	141	GN
2012/13-4	MO-VEN	srgt environ	3/26/2013	Organic	Perylene-d12	n/a	=	2.21	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-VEN	srgt environ, rec	3/26/2013	Organic	Perylene-d12	n/a	=	44	%	EPA 525.2	-88	-88	48	141	GN
2012/13-4	Lab	method blank	4/9/2013	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Phenanthrene	n/a	=	7.25	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Phenanthrene	n/a	=	72	%	EPA 8270Cm	-88	-88	54	120	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Phenanthrene	n/a	=	6.89	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Phenanthrene	n/a	=	69	%	EPA 8270Cm	-88	-88	54	120	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Phenanthrene	n/a	=	6.75	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Phenanthrene	n/a	=	68	%	EPA 8270Cm	-88	-88	54	120	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Phenanthrene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	method blank	4/11/2013	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2012/13-4	Lab	LCS	4/11/2013	Organic	Phenol	n/a	=	2.19	µg/L	EPA 8270Cm	0.35	1			
2012/13-4	Lab	LCS, rec	4/11/2013	Organic	Phenol	n/a	=	22	%	EPA 8270Cm	-88	-88	14	40	
2012/13-4	ME-CC	matrix spike	4/11/2013	Organic	Phenol	n/a	=	3.17	µg/L	EPA 8270Cm	0.35	1			
2012/13-4	ME-CC	matrix spike, rec	4/11/2013	Organic	Phenol	n/a	=	32	%	EPA 8270Cm	-88	-88	14	50	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	ME-CC	matrix spike dup	4/11/2013	Organic	Phenol	n/a	=	3.06	µg/L	EPA 8270Cm	0.35	1			
2012/13-4	ME-CC	matrix spike dup, rec	4/11/2013	Organic	Phenol	n/a	=	31	%	EPA 8270Cm	-88	-88	14	50	
2012/13-4	ME-CC	matrix spike, RPD	4/11/2013	Organic	Phenol	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	srgt method blank	3/18/2013	Organic	Phenol-d5	n/a	=	24.6	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/18/2013	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	2	70	
2012/13-4	Lab	srgt LCS	3/18/2013	Organic	Phenol-d5	n/a	=	27.6	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/18/2013	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	
2012/13-4	Lab	srgt method blank	3/27/2013	Organic	Phenol-d5	n/a	=	28.7	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/27/2013	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2012/13-4	Lab	srgt LCS	3/27/2013	Organic	Phenol-d5	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/27/2013	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	2	70	
2012/13-4	Lab	srgt method blank	4/11/2013	Organic	Phenol-d5	n/a	=	2.56	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/11/2013	Organic	Phenol-d5	n/a	=	26	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	Lab	srgt LCS	4/11/2013	Organic	Phenol-d5	n/a	=	2.29	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt LCS, rec	4/11/2013	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	ME-CC	srgt matrix spike	3/27/2013	Organic	Phenol-d5	n/a	=	36.2	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	3/27/2013	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	2	70	
2012/13-4	ME-CC	srgt matrix spike dup	3/27/2013	Organic	Phenol-d5	n/a	=	26.1	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	3/27/2013	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	
2012/13-4	ME-CC	srgt environ	3/28/2013	Organic	Phenol-d5	n/a	=	27.8	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/28/2013	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	
2012/13-4	ME-CC	srgt matrix spike	4/11/2013	Organic	Phenol-d5	n/a	=	3.35	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	4/11/2013	Organic	Phenol-d5	n/a	=	34	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	ME-CC	srgt matrix spike dup	4/11/2013	Organic	Phenol-d5	n/a	=	3.2	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	4/11/2013	Organic	Phenol-d5	n/a	=	32	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	ME-CC	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	3.37	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	34	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	ME-SCR	srgt environ	3/18/2013	Organic	Phenol-d5	n/a	=	83.4	µg/L	EPA 625	-88	-88			GN
2012/13-4	ME-SCR	srgt environ, rec	3/18/2013	Organic	Phenol-d5	n/a	=	83	%	EPA 625	-88	-88	2	70	GN
2012/13-4	ME-SCR	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	4.15	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	42	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	ME-VR2	srgt environ	3/18/2013	Organic	Phenol-d5	n/a	=	36.6	µg/L	EPA 625	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/18/2013	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	2	70	
2012/13-4	ME-VR2	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	3.57	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	36	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	MO-CAM	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	2	70	
2012/13-4	MO-CAM	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	1.75	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	18	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	MO-FIL	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	35.2	µg/L	EPA 625	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	2	70	
2012/13-4	MO-FIL	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	3.76	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	38	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	MO-HUE	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	30.9	µg/L	EPA 625	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	
2012/13-4	MO-HUE	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	2.15	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	22	%	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	
2012/13-4	MO-MEI	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	32.4	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MEI	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	D
2012/13-4	MO-MEI	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	1.5	µg/L	EPA 8270Cm	-88	-88			D
2012/13-4	MO-MEI	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	14	%	EPA 8270Cm	-88	-88	13	58	D
2012/13-4	MO-MPK	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	14.9	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MPK	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	15	%	EPA 625	-88	-88	2	70	D
2012/13-4	MO-MPK	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	1.74	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	17	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	MO-OJA	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	27.9	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-OJA	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	D
2012/13-4	MO-OJA	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	1.66	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	17	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	MO-OXN	srgt matrix spike	3/18/2013	Organic	Phenol-d5	n/a	=	42.4	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/18/2013	Organic	Phenol-d5	n/a	=	42	%	EPA 625	-88	-88	2	70	
2012/13-4	MO-OXN	srgt matrix spike dup	3/18/2013	Organic	Phenol-d5	n/a	=	41.4	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/18/2013	Organic	Phenol-d5	n/a	=	41	%	EPA 625	-88	-88	2	70	
2012/13-4	MO-OXN	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	26.8	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	2	70	
2012/13-4	MO-OXN	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	3.87	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	39	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	MO-SIM	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	20	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-SIM	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	2	70	D
2012/13-4	MO-SIM	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	1.99	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	20	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	MO-SPA	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	25.7	µg/L	EPA 625	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	
2012/13-4	MO-SPA	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	1.99	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	20	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	MO-THO	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	26.3	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-THO	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	D
2012/13-4	MO-THO	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	2.03	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	20	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	MO-VEN	srgt environ	3/19/2013	Organic	Phenol-d5	n/a	=	21.2	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-VEN	srgt environ, rec	3/19/2013	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	2	70	D
2012/13-4	MO-VEN	srgt environ	4/11/2013	Organic	Phenol-d5	n/a	=	1.51	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	4/11/2013	Organic	Phenol-d5	n/a	=	14	%	EPA 8270Cm	-88	-88	13	58	
2012/13-4	Lab	srgt method blank	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	37.8	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	6	145	
2012/13-4	Lab	srgt LCS	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	41.2	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 625	-88	-88	6	145	
2012/13-4	Lab	srgt method blank	3/27/2013	Organic	p-Terphenyl-d14	n/a	=	44.2	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/27/2013	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	6	145	
2012/13-4	Lab	srgt LCS	3/27/2013	Organic	p-Terphenyl-d14	n/a	=	38.9	µg/L	EPA 625	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/27/2013	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	6	145	
2012/13-4	Lab	srgt method blank	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	3.74	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	Lab	srgt LCS	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	3.55	µg/L	EPA 8270Cm	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	srgt LCS, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	ME-CC	srgt matrix spike	3/27/2013	Organic	p-Terphenyl-d14	n/a	=	40	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	3/27/2013	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	6	145	
2012/13-4	ME-CC	srgt matrix spike dup	3/27/2013	Organic	p-Terphenyl-d14	n/a	=	25.9	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	3/27/2013	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	6	145	
2012/13-4	ME-CC	srgt environ	3/28/2013	Organic	p-Terphenyl-d14	n/a	=	33.8	µg/L	EPA 625	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/28/2013	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	6	145	
2012/13-4	ME-CC	srgt matrix spike	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	3.45	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	ME-CC	srgt matrix spike dup	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	3.28	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt matrix spike dup, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	ME-CC	srgt environ	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	3.67	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	ME-SCR	srgt environ	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	72.5	µg/L	EPA 625	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	145	%	EPA 625	-88	-88	6	145	
2012/13-4	ME-SCR	srgt environ	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	3.55	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	ME-VR2	srgt environ	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	38.6	µg/L	EPA 625	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	6	145	
2012/13-4	ME-VR2	srgt environ	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	3.66	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	MO-CAM	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	31	µg/L	EPA 625	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	6	145	
2012/13-4	MO-CAM	srgt environ	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	3.1	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	MO-FIL	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	29	µg/L	EPA 625	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 625	-88	-88	6	145	
2012/13-4	MO-FIL	srgt environ	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	3.68	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	MO-HUE	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	38.4	µg/L	EPA 625	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	6	145	
2012/13-4	MO-HUE	srgt environ	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	3.74	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	MO-MEI	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	49.1	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MEI	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	6	145	D
2012/13-4	MO-MEI	srgt environ	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	4.6	µg/L	EPA 8270Cm	-88	-88			D
2012/13-4	MO-MEI	srgt environ, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270Cm	-88	-88	19	134	D
2012/13-4	MO-MPK	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	31.9	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-MPK	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 625	-88	-88	6	145	D
2012/13-4	MO-MPK	srgt environ	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	2.87	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	57	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	MO-OJA	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	45.2	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-OJA	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	6	145	D
2012/13-4	MO-OJA	srgt environ	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	2.91	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	MO-OXN	srgt matrix spike	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	41.4	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	83	%	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	
2012/13-4	MO-OXN	srgt matrix spike dup	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	40.1	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/18/2013	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	6	145	
2012/13-4	MO-OXN	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	35.2	µg/L	EPA 625	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625	-88	-88	6	145	
2012/13-4	MO-OXN	srgt environ	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	3.93	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	MO-SIM	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	35.4	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-SIM	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	6	145	D
2012/13-4	MO-SIM	srgt environ	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	3.58	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	MO-SPA	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	37.3	µg/L	EPA 625	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	6	145	
2012/13-4	MO-SPA	srgt environ	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	3.26	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	MO-THO	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	37	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-THO	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	6	145	D
2012/13-4	MO-THO	srgt environ	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	3.64	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	4/10/2013	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	MO-VEN	srgt environ	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	40	µg/L	EPA 625	-88	-88			D
2012/13-4	MO-VEN	srgt environ, rec	3/19/2013	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	6	145	D
2012/13-4	MO-VEN	srgt environ	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	3.35	µg/L	EPA 8270Cm	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	4/9/2013	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 8270Cm	-88	-88	19	134	
2012/13-4	Lab	method blank	4/9/2013	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS	4/9/2013	Organic	Pyrene	n/a	=	7.24	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	Lab	LCS, rec	4/9/2013	Organic	Pyrene	n/a	=	72	%	EPA 8270Cm	-88	-88	52	115	
2012/13-4	ME-CC	matrix spike	4/9/2013	Organic	Pyrene	n/a	=	6.97	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike, rec	4/9/2013	Organic	Pyrene	n/a	=	70	%	EPA 8270Cm	-88	-88	52	115	
2012/13-4	ME-CC	matrix spike dup	4/9/2013	Organic	Pyrene	n/a	=	6.59	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-4	ME-CC	matrix spike dup, rec	4/9/2013	Organic	Pyrene	n/a	=	66	%	EPA 8270Cm	-88	-88	52	115	
2012/13-4	ME-CC	matrix spike, RPD	4/9/2013	Organic	Pyrene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-4	Lab	srgt method blank	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.063	µg/L	EPA 608	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	26	131	
2012/13-4	Lab	srgt LCS	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0712	µg/L	EPA 608	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608	-88	-88	26	131	
2012/13-4	ME-CC	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0803	µg/L	EPA 608	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608	-88	-88	26	131	
2012/13-4	ME-SCR	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.055	µg/L	EPA 608	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608	-88	-88	26	131	
2012/13-4	ME-VR2	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0808	µg/L	EPA 608	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	81	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-CAM	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.124	µg/L	EPA 608	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	124	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-FIL	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0847	µg/L	EPA 608	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-HUE	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0746	µg/L	EPA 608	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-MEI	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.101	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	
2012/13-4	MO-MEI	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	101	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-MPK	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0768	µg/L	EPA 608	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-OJA	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0916	µg/L	EPA 608	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	92	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-OXN	srgt matrix spike	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.091	µg/L	EPA 608	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	91	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-OXN	srgt matrix spike dup	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.103	µg/L	EPA 608	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	103	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-OXN	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.172	µg/L	EPA 608	-88	-88			GN
2012/13-4	MO-OXN	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	172	%	EPA 608	-88	-88	26	131	GN
2012/13-4	MO-SIM	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0888	µg/L	EPA 608	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	89	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-SPA	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.139	µg/L	EPA 608	-88	-88			GN
2012/13-4	MO-SPA	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	139	%	EPA 608	-88	-88	26	131	GN
2012/13-4	MO-THO	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.079	µg/L	EPA 608	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	26	131	
2012/13-4	MO-VEN	srgt environ	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.107	µg/L	EPA 608	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	3/24/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	102	%	EPA 608	-88	-88	26	131	
2012/13-4	000NONPJ	srgt matrix spike	4/11/2013	Organic	Triphenylphosphate	n/a	=	0.473	µg/L	EPA 525.2	-88	-88			
2012/13-4	000NONPJ	srgt matrix spike, rec	4/11/2013	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	
2012/13-4	000NONPJ	srgt matrix spike dup	4/11/2013	Organic	Triphenylphosphate	n/a	=	0.472	µg/L	EPA 525.2	-88	-88			
2012/13-4	000NONPJ	srgt matrix spike dup, rec	4/11/2013	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	71	150	
2012/13-4	Lab	srgt method blank	3/22/2013	Organic	Triphenylphosphate	n/a	=	0.49	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/22/2013	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	71	150	
2012/13-4	Lab	srgt LCS	3/22/2013	Organic	Triphenylphosphate	n/a	=	0.482	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/22/2013	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	
2012/13-4	Lab	srgt method blank	3/26/2013	Organic	Triphenylphosphate	n/a	=	5.62	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	
2012/13-4	Lab	srgt LCS	3/26/2013	Organic	Triphenylphosphate	n/a	=	6.58	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	132	%	EPA 525.2	-88	-88	71	150	
2012/13-4	Lab	srgt LCS dup	3/26/2013	Organic	Triphenylphosphate	n/a	=	6.47	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS dup, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	71	150	
2012/13-4	Lab	srgt method blank	4/5/2013	Organic	Triphenylphosphate	n/a	=	5.66	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/5/2013	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	
2012/13-4	Lab	srgt LCS	4/5/2013	Organic	Triphenylphosphate	n/a	=	7.11	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	4/5/2013	Organic	Triphenylphosphate	n/a	=	142	%	EPA 525.2	-88	-88	71	150	
2012/13-4	Lab	srgt method blank	4/11/2013	Organic	Triphenylphosphate	n/a	=	0.526	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt method blank, rec	4/11/2013	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2012/13-4	Lab	srgt LCS	4/11/2013	Organic	Triphenylphosphate	n/a	=	0.537	µg/L	EPA 525.2	-88	-88			
2012/13-4	Lab	srgt LCS, rec	4/11/2013	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	71	150	
2012/13-4	ME-CC	srgt environ	3/23/2013	Organic	Triphenylphosphate	n/a	=	0.448	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/23/2013	Organic	Triphenylphosphate	n/a	=	90	%	EPA 525.2	-88	-88	71	150	
2012/13-4	ME-CC	srgt environ	4/6/2013	Organic	Triphenylphosphate	n/a	=	4.36	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	4/6/2013	Organic	Triphenylphosphate	n/a	=	87	%	EPA 525.2	-88	-88	71	150	
2012/13-4	ME-SCR	srgt environ	3/26/2013	Organic	Triphenylphosphate	n/a	=	6.29	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	71	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	ME-SCR	srgt environ	4/12/2013	Organic	Triphenylphosphate	n/a	=	0.461	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	4/12/2013	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	71	150	
2012/13-4	ME-VR2	srgt environ	3/26/2013	Organic	Triphenylphosphate	n/a	=	6.35	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	71	150	
2012/13-4	ME-VR2	srgt environ	4/12/2013	Organic	Triphenylphosphate	n/a	=	0.535	µg/L	EPA 525.2	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	4/12/2013	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-CAM	srgt environ	3/26/2013	Organic	Triphenylphosphate	n/a	=	6.81	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-CAM	srgt environ	4/12/2013	Organic	Triphenylphosphate	n/a	=	0.579	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	4/12/2013	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-FIL	srgt environ	3/22/2013	Organic	Triphenylphosphate	n/a	=	0.435	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/22/2013	Organic	Triphenylphosphate	n/a	=	87	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-FIL	srgt environ	3/26/2013	Organic	Triphenylphosphate	n/a	=	5.56	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-HUE	srgt environ	3/23/2013	Organic	Triphenylphosphate	n/a	=	0.423	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/23/2013	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-HUE	srgt environ	4/6/2013	Organic	Triphenylphosphate	n/a	=	4.63	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	4/6/2013	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-MEI	srgt environ	3/26/2013	Organic	Triphenylphosphate	n/a	=	5.83	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-MEI	srgt environ, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-MEI	srgt environ	4/12/2013	Organic	Triphenylphosphate	n/a	=	0.542	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-MEI	srgt environ, rec	4/12/2013	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-MPK	srgt environ	3/22/2013	Organic	Triphenylphosphate	n/a	=	0.474	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	3/22/2013	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-MPK	srgt environ	4/6/2013	Organic	Triphenylphosphate	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	4/6/2013	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-OJA	srgt environ	3/26/2013	Organic	Triphenylphosphate	n/a	=	6.75	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-OJA	srgt environ	4/12/2013	Organic	Triphenylphosphate	n/a	=	0.588	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	4/12/2013	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-OXN	srgt matrix spike	3/22/2013	Organic	Triphenylphosphate	n/a	=	0.505	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/22/2013	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-OXN	srgt matrix spike dup	3/22/2013	Organic	Triphenylphosphate	n/a	=	0.498	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/22/2013	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-OXN	srgt environ	3/23/2013	Organic	Triphenylphosphate	n/a	=	0.501	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/23/2013	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-OXN	srgt matrix spike	4/5/2013	Organic	Triphenylphosphate	n/a	=	4.04	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	4/5/2013	Organic	Triphenylphosphate	n/a	=	81	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-OXN	srgt matrix spike dup	4/5/2013	Organic	Triphenylphosphate	n/a	=	3.64	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	4/5/2013	Organic	Triphenylphosphate	n/a	=	73	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-OXN	srgt environ	4/6/2013	Organic	Triphenylphosphate	n/a	=	2.94	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-OXN	srgt environ, rec	4/6/2013	Organic	Triphenylphosphate	n/a	=	59	%	EPA 525.2	-88	-88	71	150	GN
2012/13-4	MO-SIM	srgt environ	3/22/2013	Organic	Triphenylphosphate	n/a	=	0.427	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	3/22/2013	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-SIM	srgt environ	3/26/2013	Organic	Triphenylphosphate	n/a	=	6.61	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	132	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-SPA	srgt environ	3/22/2013	Organic	Triphenylphosphate	n/a	=	0.515	µg/L	EPA 525.2	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-SPA	srgt environ, rec	3/22/2013	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-SPA	srgt environ	3/26/2013	Organic	Triphenylphosphate	n/a	=	3.72	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	74	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-THO	srgt environ	3/22/2013	Organic	Triphenylphosphate	n/a	=	0.39	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	3/22/2013	Organic	Triphenylphosphate	n/a	=	78	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-THO	srgt environ	4/6/2013	Organic	Triphenylphosphate	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	4/6/2013	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-VEN	srgt environ	3/22/2013	Organic	Triphenylphosphate	n/a	=	0.49	µg/L	EPA 525.2	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	3/22/2013	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	71	150	
2012/13-4	MO-VEN	srgt environ	3/26/2013	Organic	Triphenylphosphate	n/a	=	3.3	µg/L	EPA 525.2	-88	-88			GN
2012/13-4	MO-VEN	srgt environ, rec	3/26/2013	Organic	Triphenylphosphate	n/a	=	66	%	EPA 525.2	-88	-88	71	150	GN
2012/13-4	Lab	srgt method blank	3/24/2013	PCB	PCB 209	n/a	=	0.0338	µg/L	EPA 608	-88	-88			
2012/13-4	Lab	srgt method blank, rec	3/24/2013	PCB	PCB 209	n/a	=	34	%	EPA 608	-88	-88	0.1	154	
2012/13-4	Lab	srgt LCS	3/24/2013	PCB	PCB 209	n/a	=	0.0466	µg/L	EPA 608	-88	-88			
2012/13-4	Lab	srgt LCS, rec	3/24/2013	PCB	PCB 209	n/a	=	47	%	EPA 608	-88	-88	0.1	154	
2012/13-4	ME-CC	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0284	µg/L	EPA 608	-88	-88			
2012/13-4	ME-CC	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	28	%	EPA 608	-88	-88	0.1	154	
2012/13-4	ME-SCR	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0402	µg/L	EPA 608	-88	-88			
2012/13-4	ME-SCR	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	40	%	EPA 608	-88	-88	0.1	154	
2012/13-4	ME-VR2	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0429	µg/L	EPA 608	-88	-88			
2012/13-4	ME-VR2	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	43	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-CAM	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0297	µg/L	EPA 608	-88	-88			
2012/13-4	MO-CAM	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	30	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-FIL	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0368	µg/L	EPA 608	-88	-88			
2012/13-4	MO-FIL	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-HUE	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0387	µg/L	EPA 608	-88	-88			
2012/13-4	MO-HUE	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-MEI	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0367	µg/L	EPA 608	-88	-88			
2012/13-4	MO-MEI	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-MPK	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0312	µg/L	EPA 608	-88	-88			
2012/13-4	MO-MPK	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	31	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-OJA	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0347	µg/L	EPA 608	-88	-88			
2012/13-4	MO-OJA	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	35	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-OXN	srgt matrix spike	3/24/2013	PCB	PCB 209	n/a	=	0.0217	µg/L	EPA 608	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike, rec	3/24/2013	PCB	PCB 209	n/a	=	22	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-OXN	srgt matrix spike dup	3/24/2013	PCB	PCB 209	n/a	=	0.0355	µg/L	EPA 608	-88	-88			
2012/13-4	MO-OXN	srgt matrix spike dup, rec	3/24/2013	PCB	PCB 209	n/a	=	36	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-OXN	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0263	µg/L	EPA 608	-88	-88			
2012/13-4	MO-OXN	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	26	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-SIM	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0413	µg/L	EPA 608	-88	-88			
2012/13-4	MO-SIM	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	41	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-SPA	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0163	µg/L	EPA 608	-88	-88			
2012/13-4	MO-SPA	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	16	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-THO	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0397	µg/L	EPA 608	-88	-88			
2012/13-4	MO-THO	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	40	%	EPA 608	-88	-88	0.1	154	
2012/13-4	MO-VEN	srgt environ	3/24/2013	PCB	PCB 209	n/a	=	0.0361	µg/L	EPA 608	-88	-88			
2012/13-4	MO-VEN	srgt environ, rec	3/24/2013	PCB	PCB 209	n/a	=	34	%	EPA 608	-88	-88	0.1	154	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	method blank	3/24/2013	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2012/13-4	Lab	method blank	3/24/2013	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-4	Lab	method blank	3/24/2013	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2012/13-4	Lab	method blank	3/24/2013	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2012/13-4	Lab	method blank	3/24/2013	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-4	Lab	method blank	3/24/2013	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-4	Lab	method blank	3/24/2013	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-4	Lab	method blank	3/21/2013	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	2,4,5-T	n/a	=	4.06	µg/L	EPA 515.3	0.07	0.2			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	2,4,5-T	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	2,4,5-T	n/a	=	3.97	µg/L	EPA 515.3	0.07	0.2			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	2,4,5-T	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	2,4,5-T	n/a	=	4.01	µg/L	EPA 515.3	0.07	0.2			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	2,4,5-T	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	2,4,5-T	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	2,4,5-T	n/a	=	5.21	µg/L	EPA 515.3	0.07	0.2			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	2,4,5-T	n/a	=	130	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	2,4,5-T	n/a	=	5.57	µg/L	EPA 515.3	0.07	0.2			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	2,4,5-T	n/a	=	139	%	EPA 515.3	-88	-88	70	130	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	2,4,5-T	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/21/2013	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	2,4,5-TP	n/a	=	4.51	µg/L	EPA 515.3	0.09	0.2			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	2,4,5-TP	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	2,4,5-TP	n/a	=	4.1	µg/L	EPA 515.3	0.09	0.2			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	2,4,5-TP	n/a	=	4.22	µg/L	EPA 515.3	0.09	0.2			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	2,4,5-TP	n/a	=	4.14	µg/L	EPA 515.3	0.09	0.2			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	2,4,5-TP	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	2,4,5-TP	n/a	=	4.28	µg/L	EPA 515.3	0.09	0.2			
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	2,4,5-TP	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/21/2013	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	2,4-D	n/a	=	9.38	µg/L	EPA 515.3	0.07	0.4			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	2,4-D	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	2,4-D	n/a	=	9.51	µg/L	EPA 515.3	0.07	0.4			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	2,4-D	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	2,4-D	n/a	=	9.67	µg/L	EPA 515.3	0.07	0.4			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	2,4-D	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	2,4-D	n/a	=	11.8	µg/L	EPA 515.3	0.07	0.4			GB
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	2,4-D	n/a	=	147	%	EPA 515.3	-88	-88	70	130	GB
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	2,4-D	n/a	=	12.2	µg/L	EPA 515.3	0.07	0.4			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	2,4-D	n/a	=	153	%	EPA 515.3	-88	-88	70	130	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	2,4-D	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/21/2013	Pesticide	2,4-DB	n/a	<	0.07	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	
2012/13-4	Lab	LCS	3/21/2013	Pesticide	2,4-DB	n/a	=	21.5	µg/L	EPA 515.3	0.07	2			EUM
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	2,4-DB	n/a	=	134	%	EPA 515.3	-88	-88	70	130	EUM
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	2,4-DB	n/a	=	17	µg/L	EPA 515.3	0.07	2			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	2,4-DB	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	2,4-DB	n/a	=	15.3	µg/L	EPA 515.3	0.07	2			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	2,4-DB	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	2,4-DB	n/a	=	10	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	2,4-DB	n/a	=	23.9	µg/L	EPA 515.3	0.07	2			GB
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	2,4-DB	n/a	=	150	%	EPA 515.3	-88	-88	70	130	GB
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	2,4-DB	n/a	=	30.1	µg/L	EPA 515.3	0.07	2			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	2,4-DB	n/a	=	188	%	EPA 515.3	-88	-88	70	130	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	2,4-DB	n/a	=	23	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.56	µg/L	EPA 515.3	0.09	1			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.7	µg/L	EPA 515.3	0.09	1			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.91	µg/L	EPA 515.3	0.09	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.64	µg/L	EPA 515.3	0.09	1			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.88	µg/L	EPA 515.3	0.09	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	4,4'-DDD	n/a	=	0.0912	µg/L	EPA 608	0.003	0.05			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	4,4'-DDD	n/a	=	91	%	EPA 608	-88	-88	30	141	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	4,4'-DDD	n/a	=	0.0518	µg/L	EPA 608	0.003	0.05			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	4,4'-DDD	n/a	=	52	%	EPA 608	-88	-88	31	141	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	4,4'-DDD	n/a	=	0.0844	µg/L	EPA 608	0.003	0.05			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	4,4'-DDD	n/a	=	84	%	EPA 608	-88	-88	31	141	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	4,4'-DDD	n/a	=	48	%	EPA 608	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/24/2013	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	4,4'-DDE	n/a	=	0.0825	µg/L	EPA 608	0.0025	0.05			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	4,4'-DDE	n/a	=	82	%	EPA 608	-88	-88	30	145	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	4,4'-DDE	n/a	=	0.0616	µg/L	EPA 608	0.0025	0.05			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	4,4'-DDE	n/a	=	62	%	EPA 608	-88	-88	30	145	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	4,4'-DDE	n/a	=	0.102	µg/L	EPA 608	0.0025	0.05			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	4,4'-DDE	n/a	=	102	%	EPA 608	-88	-88	30	145	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	4,4'-DDE	n/a	=	49	%	EPA 608	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/24/2013	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	4,4'-DDT	n/a	=	0.105	µg/L	EPA 608	0.0031	0.01			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	4,4'-DDT	n/a	=	105	%	EPA 608	-88	-88	25	160	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	4,4'-DDT	n/a	=	0.0795	µg/L	EPA 608	0.0031	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	4,4'-DDT	n/a	=	79	%	EPA 608	-88	-88	25	160	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	4,4'-DDT	n/a	=	0.106	µg/L	EPA 608	0.0031	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	4,4'-DDT	n/a	=	106	%	EPA 608	-88	-88	25	160	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	4,4'-DDT	n/a	=	29	%	EPA 608	-88	-88	0	30	
2012/13-4	Lab	method blank	3/21/2013	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	Acifluorfen	n/a	=	4.51	µg/L	EPA 515.3	0.06	0.4			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	Acifluorfen	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	Acifluorfen	n/a	=	6.18	µg/L	EPA 515.3	0.06	0.4			GB
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	Acifluorfen	n/a	=	154	%	EPA 515.3	-88	-88	70	130	GB
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	Acifluorfen	n/a	=	4.77	µg/L	EPA 515.3	0.06	0.4			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	Acifluorfen	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	Acifluorfen	n/a	=	26	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	Acifluorfen	n/a	=	5.06	µg/L	EPA 515.3	0.06	0.4			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	Acifluorfen	n/a	=	126	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	Acifluorfen	n/a	=	11.8	µg/L	EPA 515.3	0.06	0.4			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	Acifluorfen	n/a	=	295	%	EPA 515.3	-88	-88	70	130	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	Acifluorfen	n/a	=	80	%	EPA 515.3	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Alachlor	n/a	=	5.23	µg/L	EPA 525.2	0.022	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Alachlor	n/a	=	105	%	EPA 525.2	-88	-88	58	164	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Alachlor	n/a	=	5.6	µg/L	EPA 525.2	0.022	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Alachlor	n/a	=	112	%	EPA 525.2	-88	-88	58	164	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Alachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Alachlor	n/a	=	3.85	µg/L	EPA 525.2	0.022	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Alachlor	n/a	=	77	%	EPA 525.2	-88	-88	58	164	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Alachlor	n/a	=	6.23	µg/L	EPA 525.2	0.022	0.1			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Alachlor	n/a	=	125	%	EPA 525.2	-88	-88	58	177	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Alachlor	n/a	=	7.37	µg/L	EPA 525.2	0.022	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Alachlor	n/a	=	147	%	EPA 525.2	-88	-88	58	177	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Alachlor	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	Aldrin	n/a	=	0.0773	µg/L	EPA 608	0.0015	0.005			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	Aldrin	n/a	=	77	%	EPA 608	-88	-88	42	122	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	Aldrin	n/a	=	0.0805	µg/L	EPA 608	0.0015	0.005			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	Aldrin	n/a	=	81	%	EPA 608	-88	-88	42	122	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	Aldrin	n/a	=	0.112	µg/L	EPA 608	0.0015	0.005			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	Aldrin	n/a	=	112	%	EPA 608	-88	-88	42	122	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	Aldrin	n/a	=	33	%	EPA 608	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/24/2013	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	alpha-BHC	n/a	=	0.097	µg/L	EPA 608	0.0018	0.01			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	alpha-BHC	n/a	=	97	%	EPA 608	-88	-88	37	134	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	alpha-BHC	n/a	=	0.158	µg/L	EPA 608	0.0018	0.01			GB
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	alpha-BHC	n/a	=	158	%	EPA 608	-88	-88	37	134	GB
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	alpha-BHC	n/a	=	0.0921	µg/L	EPA 608	0.0018	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	alpha-BHC	n/a	=	92	%	EPA 608	-88	-88	37	134	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	alpha-BHC	n/a	=	53	%	EPA 608	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/24/2013	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Atrazine	n/a	=	4.57	µg/L	EPA 525.2	0.034	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Atrazine	n/a	=	91	%	EPA 525.2	-88	-88	68	133	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Atrazine	n/a	=	4.78	µg/L	EPA 525.2	0.034	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Atrazine	n/a	=	96	%	EPA 525.2	-88	-88	68	133	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Atrazine	n/a	=	5.41	µg/L	EPA 525.2	0.034	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	68	133	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Atrazine	n/a	=	2.02	µg/L	EPA 525.2	0.034	0.1			GB
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Atrazine	n/a	=	40	%	EPA 525.2	-88	-88	53	142	GB
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Atrazine	n/a	=	1.77	µg/L	EPA 525.2	0.034	0.1			GB
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Atrazine	n/a	=	35	%	EPA 525.2	-88	-88	53	142	GB
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Atrazine	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Azinphos methyl	n/a	=	0.0199	µg/L	EPA 525.2	0.0055	0.01			GB
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Azinphos methyl	n/a	=	40	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Azinphos methyl	n/a	=	0.0154	µg/L	EPA 525.2	0.0055	0.01			GB
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Azinphos methyl	n/a	=	31	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Azinphos methyl	n/a	=	26	%	EPA 525.2	-88	-88	0	25	IL
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Azinphos methyl	n/a	DNQ	0.0093	µg/L	EPA 525.2	0.0055	0.01			EUM
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Azinphos methyl	n/a	=	19	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Azinphos methyl	n/a	=	0.0166	µg/L	EPA 525.2	0.0055	0.01			EUM
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Azinphos methyl	n/a	=	33	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Azinphos methyl	n/a	DNQ	0.0066	µg/L	EPA 525.2	0.0055	0.01			GB
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Azinphos methyl	n/a	=	13	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Azinphos methyl	n/a	=	200	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Azinphos methyl	n/a	=	200	%	EPA 525.2	-88	-88	0	25	IL
2012/13-4	Lab	method blank	3/21/2013	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	Bentazon	n/a	=	17.3	µg/L	EPA 515.3	0.11	2			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	Bentazon	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	Bentazon	n/a	=	15.7	µg/L	EPA 515.3	0.11	2			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	Bentazon	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	Bentazon	n/a	=	16	µg/L	EPA 515.3	0.11	2			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	Bentazon	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	Bentazon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	Bentazon	n/a	=	14.1	µg/L	EPA 515.3	0.11	2			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	Bentazon	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	Bentazon	n/a	=	14.4	µg/L	EPA 515.3	0.11	2			
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	Bentazon	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	Bentazon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	beta-BHC	n/a	=	0.0964	µg/L	EPA 608	0.0031	0.005			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	beta-BHC	n/a	=	96	%	EPA 608	-88	-88	14	147	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	beta-BHC	n/a	=	0.0393	µg/L	EPA 608	0.0031	0.005			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	beta-BHC	n/a	=	39	%	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	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	beta-BHC	n/a	=	0.0628	µg/L	EPA 608	0.0031	0.005			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	beta-BHC	n/a	=	63	%	EPA 608	-88	-88	17	147	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	beta-BHC	n/a	=	46	%	EPA 608	-88	-88	0	30	IL
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Bolstar	n/a	=	0.0381	µg/L	EPA 525.2	0.0046	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Bolstar	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Bolstar	n/a	=	0.0333	µg/L	EPA 525.2	0.0046	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Bolstar	n/a	=	67	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Bolstar	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Bolstar	n/a	=	0.0498	µg/L	EPA 525.2	0.0046	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Bolstar	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Bolstar	n/a	=	0.053	µg/L	EPA 525.2	0.0046	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Bolstar	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Bolstar	n/a	=	0.0539	µg/L	EPA 525.2	0.0046	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Bolstar	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Bolstar	n/a	=	0.0535	µg/L	EPA 525.2	0.0046	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Bolstar	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Bolstar	n/a	=	0.6	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Bromacil	n/a	=	4.9	µg/L	EPA 525.2	0.038	1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Bromacil	n/a	=	98	%	EPA 525.2	-88	-88	43	177	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Bromacil	n/a	=	4.56	µg/L	EPA 525.2	0.038	1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Bromacil	n/a	=	91	%	EPA 525.2	-88	-88	43	177	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Bromacil	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Bromacil	n/a	=	4.19	µg/L	EPA 525.2	0.038	1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Bromacil	n/a	=	84	%	EPA 525.2	-88	-88	43	177	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Bromacil	n/a	=	1.49	µg/L	EPA 525.2	0.038	1			GB
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Bromacil	n/a	=	30	%	EPA 525.2	-88	-88	71	182	GB
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Bromacil	n/a	=	1.47	µg/L	EPA 525.2	0.038	1			GB
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Bromacil	n/a	=	29	%	EPA 525.2	-88	-88	71	182	GB
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Bromacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Butachlor	n/a	=	4.83	µg/L	EPA 525.2	0.017	0.2			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Butachlor	n/a	=	97	%	EPA 525.2	-88	-88	55	178	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Butachlor	n/a	=	5.26	µg/L	EPA 525.2	0.017	0.2			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Butachlor	n/a	=	105	%	EPA 525.2	-88	-88	55	178	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Butachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Butachlor	n/a	=	4.25	µg/L	EPA 525.2	0.017	0.2			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Butachlor	n/a	=	85	%	EPA 525.2	-88	-88	55	178	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Butachlor	n/a	=	7.14	µg/L	EPA 525.2	0.017	0.2			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Butachlor	n/a	=	143	%	EPA 525.2	-88	-88	67	181	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Butachlor	n/a	=	8.41	µg/L	EPA 525.2	0.017	0.2			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Butachlor	n/a	=	168	%	EPA 525.2	-88	-88	67	181	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Butachlor	n/a	=	16	%	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	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Captan	n/a	=	5.9	µg/L	EPA 525.2	0.86	1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Captan	n/a	=	118	%	EPA 525.2	-88	-88	20	215	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Captan	n/a	=	5.27	µg/L	EPA 525.2	0.86	1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Captan	n/a	=	105	%	EPA 525.2	-88	-88	20	215	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Captan	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Captan	n/a	=	5.09	µg/L	EPA 525.2	0.86	1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Captan	n/a	=	102	%	EPA 525.2	-88	-88	20	215	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			GB
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Captan	n/a	=	0	%	EPA 525.2	-88	-88	45	182	GB
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Captan	n/a	=	4.01	µg/L	EPA 525.2	0.86	1			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Captan	n/a	=	80	%	EPA 525.2	-88	-88	45	182	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Captan	n/a	=	200	%	EPA 525.2	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Chloropropham	n/a	=	5.36	µg/L	EPA 525.2	0.01	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Chloropropham	n/a	=	107	%	EPA 525.2	-88	-88	74	133	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Chloropropham	n/a	=	5.72	µg/L	EPA 525.2	0.01	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Chloropropham	n/a	=	114	%	EPA 525.2	-88	-88	74	133	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Chloropropham	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Chloropropham	n/a	=	6.18	µg/L	EPA 525.2	0.01	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Chloropropham	n/a	=	124	%	EPA 525.2	-88	-88	74	133	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Chloropropham	n/a	=	4.95	µg/L	EPA 525.2	0.01	0.1			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Chloropropham	n/a	=	99	%	EPA 525.2	-88	-88	76	137	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Chloropropham	n/a	=	5.24	µg/L	EPA 525.2	0.01	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Chloropropham	n/a	=	105	%	EPA 525.2	-88	-88	76	137	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Chloropropham	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Chlorpyrifos	n/a	=	0.0469	µg/L	EPA 525.2	0.0069	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Chlorpyrifos	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Chlorpyrifos	n/a	=	0.0446	µg/L	EPA 525.2	0.0069	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Chlorpyrifos	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Chlorpyrifos	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Chlorpyrifos	n/a	=	0.0519	µg/L	EPA 525.2	0.0069	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Chlorpyrifos	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Chlorpyrifos	n/a	=	0.0541	µg/L	EPA 525.2	0.0069	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Chlorpyrifos	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Chlorpyrifos	n/a	=	0.0496	µg/L	EPA 525.2	0.0069	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Chlorpyrifos	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Chlorpyrifos	n/a	=	0.0467	µg/L	EPA 525.2	0.0069	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Chlorpyrifos	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Chlorpyrifos	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Coumaphos	n/a	=	0.0384	µg/L	EPA 525.2	0.0051	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Coumaphos	n/a	=	77	%	EPA 525.2	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Coumaphos	n/a	=	0.0335	µg/L	EPA 525.2	0.0051	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Coumaphos	n/a	=	67	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Coumaphos	n/a	=	14	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Coumaphos	n/a	=	0.0282	µg/L	EPA 525.2	0.0051	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Coumaphos	n/a	=	56	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Coumaphos	n/a	=	0.0462	µg/L	EPA 525.2	0.0051	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Coumaphos	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Coumaphos	n/a	=	0.0148	µg/L	EPA 525.2	0.0051	0.01			GB
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Coumaphos	n/a	=	30	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Coumaphos	n/a	=	0.015	µg/L	EPA 525.2	0.0051	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Coumaphos	n/a	=	30	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Coumaphos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Cyanazine	n/a	=	5.2	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Cyanazine	n/a	=	104	%	EPA 525.2	-88	-88	69	131	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Cyanazine	n/a	=	5.05	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Cyanazine	n/a	=	101	%	EPA 525.2	-88	-88	69	131	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Cyanazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Cyanazine	n/a	=	5.14	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Cyanazine	n/a	=	103	%	EPA 525.2	-88	-88	69	131	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Cyanazine	n/a	=	0.48	µg/L	EPA 525.2	0.024	0.1			GB
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Cyanazine	n/a	=	10	%	EPA 525.2	-88	-88	26	145	GB
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Cyanazine	n/a	=	0.2	µg/L	EPA 525.2	0.024	0.1			GB
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Cyanazine	n/a	=	4	%	EPA 525.2	-88	-88	26	145	GB
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Cyanazine	n/a	=	82	%	EPA 525.2	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/21/2013	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	Dalapon	n/a	=	7.63	µg/L	EPA 515.3	0.1	0.4			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	Dalapon	n/a	=	7.43	µg/L	EPA 515.3	0.1	0.4			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	Dalapon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	Dalapon	n/a	=	7.44	µg/L	EPA 515.3	0.1	0.4			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	Dalapon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	Dalapon	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	Dalapon	n/a	=	6.66	µg/L	EPA 515.3	0.1	0.4			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	Dalapon	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	Dalapon	n/a	=	6.92	µg/L	EPA 515.3	0.1	0.4			
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	Dalapon	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	Dalapon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.69	µg/L	EPA 515.3	0.07	0.1			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	4.69	µg/L	EPA 515.3	0.07	0.1			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	4.78	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	
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.58	µg/L	EPA 515.3	0.07	0.1			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.52	µg/L	EPA 515.3	0.07	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	delta-BHC	n/a	=	0.0959	µg/L	EPA 608	0.0025	0.005			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	delta-BHC	n/a	=	96	%	EPA 608	-88	-88	19	140	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	delta-BHC	n/a	=	0.0497	µg/L	EPA 608	0.0025	0.005			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	delta-BHC	n/a	=	50	%	EPA 608	-88	-88	19	140	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	delta-BHC	n/a	=	0.0588	µg/L	EPA 608	0.0025	0.005			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	delta-BHC	n/a	=	59	%	EPA 608	-88	-88	19	140	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	delta-BHC	n/a	=	17	%	EPA 608	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Demeton-O	n/a	=	0.0432	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Demeton-O	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Demeton-O	n/a	=	0.017	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Demeton-O	n/a	=	34	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Demeton-O	n/a	=	87	%	EPA 525.2	-88	-88	0	25	IL
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Demeton-O	n/a	=	0.088	µg/L	EPA 525.2	0.01	0.01			EUM
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Demeton-O	n/a	=	176	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Demeton-O	n/a	=	0.0427	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Demeton-O	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Demeton-O	n/a	=	0.0829	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Demeton-O	n/a	=	166	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Demeton-O	n/a	=	0.0796	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Demeton-O	n/a	=	159	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Demeton-O	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Demeton-S	n/a	=	0.0432	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Demeton-S	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Demeton-S	n/a	=	0.017	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Demeton-S	n/a	=	34	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Demeton-S	n/a	=	87	%	EPA 525.2	-88	-88	0	25	IL
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Demeton-S	n/a	=	0.088	µg/L	EPA 525.2	0.01	0.01			EUM
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Demeton-S	n/a	=	176	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Demeton-S	n/a	=	0.0427	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Demeton-S	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Demeton-S	n/a	=	0.0829	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Demeton-S	n/a	=	166	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Demeton-S	n/a	=	0.0796	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Demeton-S	n/a	=	159	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Demeton-S	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	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Diazinon	n/a	=	0.0416	µg/L	EPA 525.2	0.0052	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Diazinon	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Diazinon	n/a	=	0.0423	µg/L	EPA 525.2	0.0052	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Diazinon	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Diazinon	n/a	=	0.044	µg/L	EPA 525.2	0.0052	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Diazinon	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Diazinon	n/a	=	0.0497	µg/L	EPA 525.2	0.0052	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Diazinon	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Diazinon	n/a	=	0.0337	µg/L	EPA 525.2	0.0052	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Diazinon	n/a	=	67	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Diazinon	n/a	=	0.0208	µg/L	EPA 525.2	0.0052	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Diazinon	n/a	=	42	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Diazinon	n/a	=	47	%	EPA 525.2	-88	-88	0	25	IL
2012/13-4	Lab	method blank	3/21/2013	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	Dicamba	n/a	=	9.85	µg/L	EPA 515.3	0.12	0.6			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	Dicamba	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	Dicamba	n/a	=	9.19	µg/L	EPA 515.3	0.12	0.6			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	Dicamba	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	Dicamba	n/a	=	9.4	µg/L	EPA 515.3	0.12	0.6			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	Dicamba	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	Dicamba	n/a	=	9.08	µg/L	EPA 515.3	0.12	0.6			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	Dicamba	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	Dicamba	n/a	=	9.12	µg/L	EPA 515.3	0.12	0.6			
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	Dicamba	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	Dicamba	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/21/2013	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	Dichlorprop	n/a	=	8.64	µg/L	EPA 515.3	0.08	0.3			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	Dichlorprop	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	Dichlorprop	n/a	=	7.12	µg/L	EPA 515.3	0.08	0.3			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	Dichlorprop	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	Dichlorprop	n/a	=	7.27	µg/L	EPA 515.3	0.08	0.3			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	Dichlorprop	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	Dichlorprop	n/a	=	9.33	µg/L	EPA 515.3	0.08	0.3			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	Dichlorprop	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	Dichlorprop	n/a	=	9.77	µg/L	EPA 515.3	0.08	0.3			
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	Dichlorprop	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Dichlorvos	n/a	=	0.0399	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Dichlorvos	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Dichlorvos	n/a	=	0.037	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Dichlorvos	n/a	=	74	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Dichlorvos	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	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Dichlorvos	n/a	=	0.0427	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Dichlorvos	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Dichlorvos	n/a	=	0.038	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Dichlorvos	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Dichlorvos	n/a	=	0.0451	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Dichlorvos	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Dichlorvos	n/a	=	0.0423	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Dichlorvos	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Dichlorvos	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	Dieldrin	n/a	=	0.1	µg/L	EPA 608	0.0021	0.01			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	Dieldrin	n/a	=	100	%	EPA 608	-88	-88	36	146	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	Dieldrin	n/a	=	0.0697	µg/L	EPA 608	0.0021	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	Dieldrin	n/a	=	70	%	EPA 608	-88	-88	36	146	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	Dieldrin	n/a	=	0.108	µg/L	EPA 608	0.0021	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	Dieldrin	n/a	=	108	%	EPA 608	-88	-88	36	146	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	Dieldrin	n/a	=	43	%	EPA 608	-88	-88	0	30	IL
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Dimethoate	n/a	=	0.0493	µg/L	EPA 525.2	0.0062	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Dimethoate	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Dimethoate	n/a	=	0.0434	µg/L	EPA 525.2	0.0062	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Dimethoate	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Dimethoate	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Dimethoate	n/a	=	0.048	µg/L	EPA 525.2	0.0062	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Dimethoate	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Dimethoate	n/a	=	0.0615	µg/L	EPA 525.2	0.0062	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Dimethoate	n/a	=	123	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Dimethoate	n/a	=	0.0178	µg/L	EPA 525.2	0.0062	0.01			GB
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Dimethoate	n/a	=	36	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Dimethoate	n/a	=	0.0175	µg/L	EPA 525.2	0.0062	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Dimethoate	n/a	=	35	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/21/2013	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	Dinoseb	n/a	=	4.79	µg/L	EPA 515.3	0.14	0.4			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	Dinoseb	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	Dinoseb	n/a	=	4.53	µg/L	EPA 515.3	0.14	0.4			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	Dinoseb	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	Dinoseb	n/a	=	4.61	µg/L	EPA 515.3	0.14	0.4			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	Dinoseb	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	Dinoseb	n/a	=	5.7	µg/L	EPA 515.3	0.14	0.4			GB
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	Dinoseb	n/a	=	142	%	EPA 515.3	-88	-88	70	130	GB
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	Dinoseb	n/a	=	4.58	µg/L	EPA 515.3	0.14	0.4			
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	Dinoseb	n/a	=	115	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	Dinoseb	n/a	=	22	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Diphenamid	n/a	=	5.44	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Diphenamid	n/a	=	109	%	EPA 525.2	-88	-88	82	144	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Diphenamid	n/a	=	5.37	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Diphenamid	n/a	=	107	%	EPA 525.2	-88	-88	82	144	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Diphenamid	n/a	=	5.36	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Diphenamid	n/a	=	107	%	EPA 525.2	-88	-88	82	144	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Diphenamid	n/a	=	4.58	µg/L	EPA 525.2	0.024	0.1			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Diphenamid	n/a	=	92	%	EPA 525.2	-88	-88	86	130	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Diphenamid	n/a	=	4.21	µg/L	EPA 525.2	0.024	0.1			GB
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Diphenamid	n/a	=	84	%	EPA 525.2	-88	-88	86	130	GB
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Diphenamid	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Disulfoton	n/a	=	0.0531	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Disulfoton	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Disulfoton	n/a	=	0.0199	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Disulfoton	n/a	=	40	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Disulfoton	n/a	=	91	%	EPA 525.2	-88	-88	0	25	IL
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Disulfoton	n/a	=	0.117	µg/L	EPA 525.2	0.01	0.01			EUM
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Disulfoton	n/a	=	235	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Disulfoton	n/a	=	0.0542	µg/L	EPA 525.2	0.01	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Disulfoton	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Disulfoton	n/a	=	0.111	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Disulfoton	n/a	=	222	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Disulfoton	n/a	=	0.12	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Disulfoton	n/a	=	241	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Disulfoton	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	Endosulfan I	n/a	=	0.0875	µg/L	EPA 608	0.0017	0.02			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	Endosulfan I	n/a	=	87	%	EPA 608	-88	-88	45	153	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	Endosulfan I	n/a	=	0.0492	µg/L	EPA 608	0.0017	0.02			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	Endosulfan I	n/a	=	49	%	EPA 608	-88	-88	45	153	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	Endosulfan I	n/a	=	0.0682	µg/L	EPA 608	0.0017	0.02			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	Endosulfan I	n/a	=	68	%	EPA 608	-88	-88	45	153	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	Endosulfan I	n/a	=	32	%	EPA 608	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	Endosulfan II	n/a	=	0.0825	µg/L	EPA 608	0.0019	0.01			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	Endosulfan II	n/a	=	82	%	EPA 608	-88	-88	2	202	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	Endosulfan II	n/a	=	0.0529	µg/L	EPA 608	0.0019	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	Endosulfan II	n/a	=	53	%	EPA 608	-88	-88	2	202	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	Endosulfan II	n/a	=	0.0731	µg/L	EPA 608	0.0019	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	Endosulfan II	n/a	=	73	%	EPA 608	-88	-88	2	202	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	Endosulfan II	n/a	=	32	%	EPA 608	-88	-88	0	30	IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	Endosulfan sulfate	n/a	=	0.102	µg/L	EPA 608	0.008	0.05			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	Endosulfan sulfate	n/a	=	102	%	EPA 608	-88	-88	26	144	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	Endosulfan sulfate	n/a	=	0.258	µg/L	EPA 608	0.008	0.05			GB
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	Endosulfan sulfate	n/a	=	258	%	EPA 608	-88	-88	26	144	GB
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	Endosulfan sulfate	n/a	=	0.379	µg/L	EPA 608	0.008	0.05			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	Endosulfan sulfate	n/a	=	379	%	EPA 608	-88	-88	26	144	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	Endosulfan sulfate	n/a	=	38	%	EPA 608	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	Endrin	n/a	=	0.115	µg/L	EPA 608	0.0028	0.01			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	Endrin	n/a	=	115	%	EPA 608	-88	-88	30	147	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	Endrin	n/a	=	0.106	µg/L	EPA 608	0.0028	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	Endrin	n/a	=	106	%	EPA 608	-88	-88	30	147	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	Endrin	n/a	=	0.159	µg/L	EPA 608	0.0028	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	Endrin	n/a	=	159	%	EPA 608	-88	-88	30	147	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	Endrin	n/a	=	40	%	EPA 608	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	Endrin aldehyde	n/a	=	0.0901	µg/L	EPA 608	0.003	0.01			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	Endrin aldehyde	n/a	=	90	%	EPA 608	-88	-88	41	203	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	Endrin aldehyde	n/a	=	0.0629	µg/L	EPA 608	0.003	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	Endrin aldehyde	n/a	=	63	%	EPA 608	-88	-88	30	180	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	Endrin aldehyde	n/a	=	0.0577	µg/L	EPA 608	0.003	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	Endrin aldehyde	n/a	=	58	%	EPA 608	-88	-88	30	180	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	Endrin aldehyde	n/a	=	9	%	EPA 608	-88	-88	0	30	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	EPTC	n/a	=	5.26	µg/L	EPA 525.2	0.017	1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	75	110	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	EPTC	n/a	=	5.3	µg/L	EPA 525.2	0.017	1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	EPTC	n/a	=	106	%	EPA 525.2	-88	-88	75	110	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	EPTC	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	EPTC	n/a	=	4.94	µg/L	EPA 525.2	0.017	1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	EPTC	n/a	=	99	%	EPA 525.2	-88	-88	75	110	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	EPTC	n/a	=	3.79	µg/L	EPA 525.2	0.017	1			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	EPTC	n/a	=	76	%	EPA 525.2	-88	-88	67	119	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	EPTC	n/a	=	3.57	µg/L	EPA 525.2	0.017	1			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	EPTC	n/a	=	71	%	EPA 525.2	-88	-88	67	119	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	EPTC	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Ethoprop	n/a	=	0.0561	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Ethoprop	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Ethoprop	n/a	=	0.0522	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Ethoprop	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Ethoprop	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Ethoprop	n/a	=	0.0529	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Ethoprop	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Ethoprop	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	
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Ethoprop	n/a	=	0.0561	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Ethoprop	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Ethoprop	n/a	=	0.0606	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Ethoprop	n/a	=	121	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Ethoprop	n/a	=	0.0614	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Ethoprop	n/a	=	123	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Ethoprop	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Ethyl parathion	n/a	=	0.0563	µg/L	EPA 525.2	0.0054	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Ethyl parathion	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Ethyl parathion	n/a	=	0.0523	µg/L	EPA 525.2	0.0054	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Ethyl parathion	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Ethyl parathion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Ethyl parathion	n/a	=	0.053	µg/L	EPA 525.2	0.0054	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Ethyl parathion	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Ethyl parathion	n/a	=	0.0741	µg/L	EPA 525.2	0.0054	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Ethyl parathion	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Ethyl parathion	n/a	=	0.0566	µg/L	EPA 525.2	0.0054	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Ethyl parathion	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Ethyl parathion	n/a	=	0.0545	µg/L	EPA 525.2	0.0054	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Ethyl parathion	n/a	=	109	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Ethyl parathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Fensulfothion	n/a	=	0.0648	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Fensulfothion	n/a	=	130	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Fensulfothion	n/a	=	0.0524	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Fensulfothion	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Fensulfothion	n/a	=	21	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Fensulfothion	n/a	=	0.0485	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Fensulfothion	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Fensulfothion	n/a	=	0.112	µg/L	EPA 525.2	0.0029	0.01			EUM
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Fensulfothion	n/a	=	225	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Fensulfothion	n/a	=	0.039	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Fensulfothion	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Fensulfothion	n/a	=	0.04	µg/L	EPA 525.2	0.0029	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Fensulfothion	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Fensulfothion	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Fenthion	n/a	=	0.0475	µg/L	EPA 525.2	0.0038	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Fenthion	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Fenthion	n/a	=	0.0385	µg/L	EPA 525.2	0.0038	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Fenthion	n/a	=	77	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Fenthion	n/a	=	21	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Fenthion	n/a	=	0.0493	µg/L	EPA 525.2	0.0038	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Fenthion	n/a	=	99	%	EPA 525.2	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Fenthion	n/a	=	0.0506	µg/L	EPA 525.2	0.0038	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Fenthion	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Fenthion	n/a	=	0.0477	µg/L	EPA 525.2	0.0038	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Fenthion	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Fenthion	n/a	=	0.0467	µg/L	EPA 525.2	0.0038	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Fenthion	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Fenthion	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0977	µg/L	EPA 608	0.0021	0.02			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	98	%	EPA 608	-88	-88	32	127	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0621	µg/L	EPA 608	0.0021	0.02			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	62	%	EPA 608	-88	-88	32	127	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0767	µg/L	EPA 608	0.0021	0.02			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	77	%	EPA 608	-88	-88	32	127	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	21	%	EPA 608	-88	-88	0	30	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2012/13-4	Lab	LCS	3/12/2013	Pesticide	Glyphosate	n/a	=	28.6	µg/L	EPA 547	1.8	5			
2012/13-4	Lab	LCS, rec	3/12/2013	Pesticide	Glyphosate	n/a	=	115	%	EPA 547	-88	-88	71	137	
2012/13-4	Lab	method blank	3/12/2013	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2012/13-4	ME-CC	matrix spike	3/12/2013	Pesticide	Glyphosate	n/a	=	43.5	µg/L	EPA 547	1.8	5			
2012/13-4	ME-CC	matrix spike dup	3/12/2013	Pesticide	Glyphosate	n/a	=	41.4	µg/L	EPA 547	1.8	5			
2012/13-4	ME-CC	matrix spike dup, rec	3/12/2013	Pesticide	Glyphosate	n/a	=	101	%	EPA 547	-88	-88	68	134	
2012/13-4	ME-CC	matrix spike, rec	3/12/2013	Pesticide	Glyphosate	n/a	=	109	%	EPA 547	-88	-88	68	134	
2012/13-4	ME-CC	matrix spike, RPD	3/12/2013	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2012/13-4	ME-VR2	matrix spike	3/12/2013	Pesticide	Glyphosate	n/a	=	36.5	µg/L	EPA 547	1.8	5			
2012/13-4	ME-VR2	matrix spike dup	3/12/2013	Pesticide	Glyphosate	n/a	=	33.5	µg/L	EPA 547	1.8	5			
2012/13-4	ME-VR2	matrix spike dup, rec	3/12/2013	Pesticide	Glyphosate	n/a	=	100	%	EPA 547	-88	-88	68	134	
2012/13-4	ME-VR2	matrix spike, rec	3/12/2013	Pesticide	Glyphosate	n/a	=	112	%	EPA 547	-88	-88	68	134	
2012/13-4	ME-VR2	matrix spike, RPD	3/12/2013	Pesticide	Glyphosate	n/a	=	9	%	EPA 547	-88	-88	0	30	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	Heptachlor	n/a	=	0.0975	µg/L	EPA 608	0.0017	0.01			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	Heptachlor	n/a	=	98	%	EPA 608	-88	-88	34	111	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	Heptachlor	n/a	=	0.071	µg/L	EPA 608	0.0017	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	Heptachlor	n/a	=	71	%	EPA 608	-88	-88	34	111	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	Heptachlor	n/a	=	0.097	µg/L	EPA 608	0.0017	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	Heptachlor	n/a	=	97	%	EPA 608	-88	-88	34	111	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	Heptachlor	n/a	=	31	%	EPA 608	-88	-88	0	30	IL
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-4	Lab	LCS	3/24/2013	Pesticide	Heptachlor epoxide	n/a	=	0.0995	µg/L	EPA 608	0.0019	0.01			
2012/13-4	Lab	LCS, rec	3/24/2013	Pesticide	Heptachlor epoxide	n/a	=	99	%	EPA 608	-88	-88	37	142	
2012/13-4	MO-OXN	matrix spike	3/24/2013	Pesticide	Heptachlor epoxide	n/a	=	0.0744	µg/L	EPA 608	0.0019	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/24/2013	Pesticide	Heptachlor epoxide	n/a	=	74	%	EPA 608	-88	-88	37	142	
2012/13-4	MO-OXN	matrix spike dup	3/24/2013	Pesticide	Heptachlor epoxide	n/a	=	0.0992	µg/L	EPA 608	0.0019	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/24/2013	Pesticide	Heptachlor epoxide	n/a	=	99	%	EPA 608	-88	-88	37	142	
2012/13-4	MO-OXN	matrix spike, RPD	3/24/2013	Pesticide	Heptachlor epoxide	n/a	=	29	%	EPA 608	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Malathion	n/a	=	0.0465	µg/L	EPA 525.2	0.0076	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Malathion	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Malathion	n/a	=	0.0422	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Malathion	n/a	=	84	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Malathion	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Malathion	n/a	=	0.0457	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Malathion	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Malathion	n/a	=	0.0501	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Malathion	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Malathion	n/a	=	0.0597	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Malathion	n/a	=	72	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Malathion	n/a	=	0.0555	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Malathion	n/a	=	64	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Malathion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Merphos	n/a	=	0.0365	µg/L	EPA 525.2	0.0058	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Merphos	n/a	=	73	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Merphos	n/a	=	0.0412	µg/L	EPA 525.2	0.0058	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Merphos	n/a	=	82	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Merphos	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Merphos	n/a	=	0.0344	µg/L	EPA 525.2	0.0058	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Merphos	n/a	=	69	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Merphos	n/a	=	0.0412	µg/L	EPA 525.2	0.0058	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Merphos	n/a	=	82	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Merphos	n/a	=	0.0251	µg/L	EPA 525.2	0.0058	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Merphos	n/a	=	50	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Merphos	n/a	=	0.0293	µg/L	EPA 525.2	0.0058	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Merphos	n/a	=	59	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Merphos	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Methyl parathion	n/a	=	0.0482	µg/L	EPA 525.2	0.0063	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Methyl parathion	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Methyl parathion	n/a	=	0.0423	µg/L	EPA 525.2	0.0063	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Methyl parathion	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Methyl parathion	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Methyl parathion	n/a	=	0.044	µg/L	EPA 525.2	0.0063	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Methyl parathion	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Methyl parathion	n/a	=	0.0724	µg/L	EPA 525.2	0.0063	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Methyl parathion	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Methyl parathion	n/a	=	0.036	µg/L	EPA 525.2	0.0063	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Methyl parathion	n/a	=	72	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Methyl parathion	n/a	=	0.0317	µg/L	EPA 525.2	0.0063	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Methyl parathion	n/a	=	63	%	EPA 525.2	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Methyl parathion	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Metolachlor	n/a	=	4.76	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Metolachlor	n/a	=	95	%	EPA 525.2	-88	-88	55	170	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Metolachlor	n/a	=	5.19	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Metolachlor	n/a	=	104	%	EPA 525.2	-88	-88	55	170	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Metolachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Metolachlor	n/a	=	3.73	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Metolachlor	n/a	=	75	%	EPA 525.2	-88	-88	55	170	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Metolachlor	n/a	=	6.26	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Metolachlor	n/a	=	125	%	EPA 525.2	-88	-88	53	178	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Metolachlor	n/a	=	8.08	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Metolachlor	n/a	=	162	%	EPA 525.2	-88	-88	53	178	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Metolachlor	n/a	=	25	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Metribuzin	n/a	=	4.07	µg/L	EPA 525.2	0.015	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Metribuzin	n/a	=	81	%	EPA 525.2	-88	-88	44	149	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Metribuzin	n/a	=	4.33	µg/L	EPA 525.2	0.015	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Metribuzin	n/a	=	87	%	EPA 525.2	-88	-88	44	149	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Metribuzin	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Metribuzin	n/a	=	3.25	µg/L	EPA 525.2	0.015	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Metribuzin	n/a	=	65	%	EPA 525.2	-88	-88	44	149	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Metribuzin	n/a	=	2.98	µg/L	EPA 525.2	0.015	0.1			GB
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Metribuzin	n/a	=	60	%	EPA 525.2	-88	-88	64	155	GB
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Metribuzin	n/a	=	2.87	µg/L	EPA 525.2	0.015	0.1			GB
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Metribuzin	n/a	=	57	%	EPA 525.2	-88	-88	64	155	GB
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Metribuzin	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Mevinphos	n/a	=	0.0509	µg/L	EPA 525.2	0.0042	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Mevinphos	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Mevinphos	n/a	=	0.0456	µg/L	EPA 525.2	0.0042	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Mevinphos	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Mevinphos	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Mevinphos	n/a	=	0.0477	µg/L	EPA 525.2	0.0042	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Mevinphos	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Mevinphos	n/a	=	0.0556	µg/L	EPA 525.2	0.0042	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Mevinphos	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Mevinphos	n/a	=	0.101	µg/L	EPA 525.2	0.0042	0.01			GB
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Mevinphos	n/a	=	203	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Mevinphos	n/a	=	0.121	µg/L	EPA 525.2	0.0042	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Mevinphos	n/a	=	241	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Mevinphos	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Molinate	n/a	=	5.43	µg/L	EPA 525.2	0.039	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Molinate	n/a	=	109	%	EPA 525.2	-88	-88	76	116	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Molinate	n/a	=	5.61	µg/L	EPA 525.2	0.039	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Molinate	n/a	=	112	%	EPA 525.2	-88	-88	76	116	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Molinate	n/a	=	5.18	µg/L	EPA 525.2	0.039	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Molinate	n/a	=	104	%	EPA 525.2	-88	-88	76	116	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Molinate	n/a	=	4.4	µg/L	EPA 525.2	0.039	0.1			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Molinate	n/a	=	88	%	EPA 525.2	-88	-88	68	125	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Molinate	n/a	=	4.37	µg/L	EPA 525.2	0.039	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Molinate	n/a	=	87	%	EPA 525.2	-88	-88	68	125	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Molinate	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Naled	n/a	=	0.0108	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Naled	n/a	=	22	%	EPA 525.2	-88	-88	5	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Naled	n/a	=	0.0104	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Naled	n/a	=	21	%	EPA 525.2	-88	-88	5	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Naled	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Naled	n/a	=	0.0181	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Naled	n/a	=	36	%	EPA 525.2	-88	-88	5	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Naled	n/a	=	0.0162	µg/L	EPA 525.2	0.0076	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Naled	n/a	=	32	%	EPA 525.2	-88	-88	5	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Naled	n/a	=	0.214	µg/L	EPA 525.2	0.0076	0.01			GB
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Naled	n/a	=	427	%	EPA 525.2	-88	-88	5	150	GB
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Naled	n/a	=	0.62	µg/L	EPA 525.2	0.0076	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Naled	n/a	=	1240	%	EPA 525.2	-88	-88	5	150	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Naled	n/a	=	98	%	EPA 525.2	-88	-88	0	25	IL
2012/13-4	Lab	method blank	3/21/2013	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	4.67	µg/L	EPA 515.3	0.04	0.2			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	4.23	µg/L	EPA 515.3	0.04	0.2			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	4.29	µg/L	EPA 515.3	0.04	0.2			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	3.96	µg/L	EPA 515.3	0.04	0.2			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	4.05	µg/L	EPA 515.3	0.04	0.2			
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Phorate	n/a	=	0.0566	µg/L	EPA 525.2	0.003	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Phorate	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Phorate	n/a	=	0.0457	µg/L	EPA 525.2	0.003	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Phorate	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Phorate	n/a	=	21	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	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	
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Phorate	n/a	=	0.0642	µg/L	EPA 525.2	0.003	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Phorate	n/a	=	128	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Phorate	n/a	=	0.0577	µg/L	EPA 525.2	0.003	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Phorate	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Phorate	n/a	=	0.0678	µg/L	EPA 525.2	0.003	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Phorate	n/a	=	136	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Phorate	n/a	=	0.0656	µg/L	EPA 525.2	0.003	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Phorate	n/a	=	131	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Phorate	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/21/2013	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2012/13-4	Lab	LCS	3/21/2013	Pesticide	Picloram	n/a	=	4.22	µg/L	EPA 515.3	0.05	0.6			
2012/13-4	Lab	LCS, rec	3/21/2013	Pesticide	Picloram	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike	3/21/2013	Pesticide	Picloram	n/a	=	4.27	µg/L	EPA 515.3	0.05	0.6			
2012/13-4	ME-CC	matrix spike, rec	3/21/2013	Pesticide	Picloram	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike dup	3/21/2013	Pesticide	Picloram	n/a	=	4.44	µg/L	EPA 515.3	0.05	0.6			
2012/13-4	ME-CC	matrix spike dup, rec	3/21/2013	Pesticide	Picloram	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2012/13-4	ME-CC	matrix spike, RPD	3/21/2013	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Pesticide	Picloram	n/a	=	4.66	µg/L	EPA 515.3	0.05	0.6			
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Pesticide	Picloram	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Pesticide	Picloram	n/a	=	5.09	µg/L	EPA 515.3	0.05	0.6			
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Pesticide	Picloram	n/a	=	127	%	EPA 515.3	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Pesticide	Picloram	n/a	=	9	%	EPA 515.3	-88	-88	0	30	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Prometon	n/a	=	2.83	µg/L	EPA 525.2	0.024	0.2			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Prometon	n/a	=	57	%	EPA 525.2	-88	-88	6	110	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Prometon	n/a	=	3.06	µg/L	EPA 525.2	0.024	0.2			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Prometon	n/a	=	61	%	EPA 525.2	-88	-88	6	110	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Prometon	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Prometon	n/a	=	2.28	µg/L	EPA 525.2	0.024	0.2			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Prometon	n/a	=	46	%	EPA 525.2	-88	-88	6	110	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Prometon	n/a	=	3.77	µg/L	EPA 525.2	0.024	0.2			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Prometon	n/a	=	75	%	EPA 525.2	-88	-88	5	148	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Prometon	n/a	=	4.34	µg/L	EPA 525.2	0.024	0.2			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Prometon	n/a	=	87	%	EPA 525.2	-88	-88	5	148	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Prometon	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Prometryn	n/a	=	4.32	µg/L	EPA 525.2	0.036	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Prometryn	n/a	=	86	%	EPA 525.2	-88	-88	34	152	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Prometryn	n/a	=	4.59	µg/L	EPA 525.2	0.036	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Prometryn	n/a	=	92	%	EPA 525.2	-88	-88	34	152	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Prometryn	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Prometryn	n/a	=	3.53	µg/L	EPA 525.2	0.036	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Prometryn	n/a	=	71	%	EPA 525.2	-88	-88	34	152	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Prometryn	n/a	=	4.64	µg/L	EPA 525.2	0.036	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Prometryn	n/a	=	93	%	EPA 525.2	-88	-88	44	169	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Prometryn	n/a	=	5.31	µg/L	EPA 525.2	0.036	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Prometryn	n/a	=	106	%	EPA 525.2	-88	-88	44	169	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Prometryn	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0396	µg/L	EPA 525.2	0.0041	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	79	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0381	µg/L	EPA 525.2	0.0041	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0383	µg/L	EPA 525.2	0.0041	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	77	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0446	µg/L	EPA 525.2	0.0041	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0354	µg/L	EPA 525.2	0.0041	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	71	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0318	µg/L	EPA 525.2	0.0041	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	64	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Simazine	n/a	=	4.34	µg/L	EPA 525.2	0.015	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	54	156	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Simazine	n/a	=	4.56	µg/L	EPA 525.2	0.015	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Simazine	n/a	=	91	%	EPA 525.2	-88	-88	54	156	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Simazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Simazine	n/a	=	3.19	µg/L	EPA 525.2	0.015	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Simazine	n/a	=	64	%	EPA 525.2	-88	-88	54	156	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Simazine	n/a	=	2.32	µg/L	EPA 525.2	0.015	0.1			GB
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Simazine	n/a	=	46	%	EPA 525.2	-88	-88	53	152	GB
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Simazine	n/a	=	2.11	µg/L	EPA 525.2	0.015	0.1			GB
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Simazine	n/a	=	42	%	EPA 525.2	-88	-88	53	152	GB
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Simazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.03	µg/L	EPA 525.2	0.0031	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	60	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0262	µg/L	EPA 525.2	0.0031	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	52	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	14	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0222	µg/L	EPA 525.2	0.0031	0.01			EUM
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	44	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.03	µg/L	EPA 525.2	0.0031	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	60	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.0095	µg/L	EPA 525.2	0.0031	0.01			GB
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	19	%	EPA 525.2	-88	-88	50	150	GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.0087	µg/L	EPA 525.2	0.0031	0.01			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	17	%	EPA 525.2	-88	-88	50	150	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Terbacil	n/a	=	5.94	µg/L	EPA 525.2	0.55	2			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Terbacil	n/a	=	119	%	EPA 525.2	-88	-88	66	140	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Terbacil	n/a	=	5.65	µg/L	EPA 525.2	0.55	2			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	66	140	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Terbacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Terbacil	n/a	=	5.21	µg/L	EPA 525.2	0.55	2			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Terbacil	n/a	=	104	%	EPA 525.2	-88	-88	66	140	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Terbacil	n/a	=	7.06	µg/L	EPA 525.2	0.55	2			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Terbacil	n/a	=	141	%	EPA 525.2	-88	-88	56	159	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Terbacil	n/a	=	7.8	µg/L	EPA 525.2	0.55	2			
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Terbacil	n/a	=	156	%	EPA 525.2	-88	-88	56	159	
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Terbacil	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Thiobencarb	n/a	=	5.09	µg/L	EPA 525.2	0.025	0.2			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Thiobencarb	n/a	=	102	%	EPA 525.2	-88	-88	57	162	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Thiobencarb	n/a	=	5.2	µg/L	EPA 525.2	0.025	0.2			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Thiobencarb	n/a	=	104	%	EPA 525.2	-88	-88	57	162	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Thiobencarb	n/a	=	4.4	µg/L	EPA 525.2	0.025	0.2			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Thiobencarb	n/a	=	88	%	EPA 525.2	-88	-88	57	162	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Thiobencarb	n/a	=	6.74	µg/L	EPA 525.2	0.025	0.2			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Thiobencarb	n/a	=	135	%	EPA 525.2	-88	-88	71	160	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Thiobencarb	n/a	=	8.41	µg/L	EPA 525.2	0.025	0.2			GB
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Thiobencarb	n/a	=	168	%	EPA 525.2	-88	-88	71	160	GB
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Thiobencarb	n/a	=	22	%	EPA 525.2	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Tokuthion	n/a	=	0.0342	µg/L	EPA 525.2	0.0078	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Tokuthion	n/a	=	68	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Tokuthion	n/a	=	0.0368	µg/L	EPA 525.2	0.0078	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Tokuthion	n/a	=	74	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Tokuthion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Tokuthion	n/a	=	0.0416	µg/L	EPA 525.2	0.0078	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Tokuthion	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Tokuthion	n/a	=	0.0449	µg/L	EPA 525.2	0.0078	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Tokuthion	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Tokuthion	n/a	=	0.0465	µg/L	EPA 525.2	0.0078	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Tokuthion	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Tokuthion	n/a	=	0.0469	µg/L	EPA 525.2	0.0078	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Tokuthion	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Tokuthion	n/a	=	0.8	%	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	
2012/13-4	Lab	method blank	3/24/2013	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2012/13-4	000NONPJ	matrix spike	4/11/2013	Pesticide	Trichloronate	n/a	=	0.0435	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/11/2013	Pesticide	Trichloronate	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike dup	4/11/2013	Pesticide	Trichloronate	n/a	=	0.0449	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/11/2013	Pesticide	Trichloronate	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2012/13-4	000NONPJ	matrix spike, RPD	4/11/2013	Pesticide	Trichloronate	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/22/2013	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	Lab	LCS	3/22/2013	Pesticide	Trichloronate	n/a	=	0.0476	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	Lab	LCS, rec	3/22/2013	Pesticide	Trichloronate	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2012/13-4	Lab	method blank	4/11/2013	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	Lab	LCS	4/11/2013	Pesticide	Trichloronate	n/a	=	0.0486	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	Lab	LCS, rec	4/11/2013	Pesticide	Trichloronate	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Pesticide	Trichloronate	n/a	=	0.0535	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Pesticide	Trichloronate	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Pesticide	Trichloronate	n/a	=	0.0533	µg/L	EPA 525.2	0.0067	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Pesticide	Trichloronate	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Pesticide	Trichloronate	n/a	=	0.3	%	EPA 525.2	-88	-88	0	25	
2012/13-4	Lab	method blank	3/26/2013	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	Lab	LCS	3/26/2013	Pesticide	Trithion	n/a	=	5.01	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Pesticide	Trithion	n/a	=	100	%	EPA 525.2	-88	-88	62	149	
2012/13-4	Lab	LCS dup	3/26/2013	Pesticide	Trithion	n/a	=	5.21	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	Lab	LCS dup, rec	3/26/2013	Pesticide	Trithion	n/a	=	104	%	EPA 525.2	-88	-88	62	149	
2012/13-4	Lab	LCS, RPD	3/26/2013	Pesticide	Trithion	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	method blank	4/5/2013	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	Lab	LCS	4/5/2013	Pesticide	Trithion	n/a	=	4.39	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	Lab	LCS, rec	4/5/2013	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	62	149	
2012/13-4	MO-OXN	matrix spike	4/5/2013	Pesticide	Trithion	n/a	=	6.6	µg/L	EPA 525.2	0.012	0.1			
2012/13-4	MO-OXN	matrix spike, rec	4/5/2013	Pesticide	Trithion	n/a	=	132	%	EPA 525.2	-88	-88	86	144	
2012/13-4	MO-OXN	matrix spike dup	4/5/2013	Pesticide	Trithion	n/a	=	7.69	µg/L	EPA 525.2	0.012	0.1			GB
2012/13-4	MO-OXN	matrix spike dup, rec	4/5/2013	Pesticide	Trithion	n/a	=	154	%	EPA 525.2	-88	-88	86	144	GB
2012/13-4	MO-OXN	matrix spike, RPD	4/5/2013	Pesticide	Trithion	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	5/7/2013	Anion	Chloride	n/a	=	51.2	mg/L	EPA 300.0	0.5	2.5			
2012/13-5	000NONPJ	matrix spike	5/7/2013	Anion	Chloride	n/a	=	51	mg/L	EPA 300.0	0.5	2.5			
2012/13-5	000NONPJ	matrix spike dup	5/7/2013	Anion	Chloride	n/a	=	51	mg/L	EPA 300.0	0.5	2.5			
2012/13-5	000NONPJ	matrix spike dup	5/7/2013	Anion	Chloride	n/a	=	51.4	mg/L	EPA 300.0	0.5	2.5			
2012/13-5	000NONPJ	matrix spike dup, rec	5/7/2013	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	72	118	
2012/13-5	000NONPJ	matrix spike dup, rec	5/7/2013	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	72	118	
2012/13-5	000NONPJ	matrix spike, rec	5/7/2013	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	72	118	
2012/13-5	000NONPJ	matrix spike, rec	5/7/2013	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	72	118	
2012/13-5	000NONPJ	matrix spike, RPD	5/7/2013	Anion	Chloride	n/a	=	0.9	%	EPA 300.0	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike, RPD	5/7/2013	Anion	Chloride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	5/7/2013	Anion	Chloride	n/a	=	46.9	mg/L	EPA 300.0	0.5	2.5			
2012/13-5	000NONPJ	matrix spike, rec	5/7/2013	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	72	118	
2012/13-5	000NONPJ	matrix spike dup	5/7/2013	Anion	Chloride	n/a	=	91.6	mg/L	EPA 300.0	1	5			
2012/13-5	000NONPJ	matrix spike dup	5/7/2013	Anion	Chloride	n/a	=	47.4	mg/L	EPA 300.0	0.5	2.5			
2012/13-5	000NONPJ	matrix spike dup, rec	5/7/2013	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	72	118	
2012/13-5	000NONPJ	matrix spike dup, rec	5/7/2013	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	72	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	
2012/13-5	000NONPJ	matrix spike, RPD	5/7/2013	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike, RPD	5/7/2013	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	5/7/2013	Anion	Chloride	n/a	=	91.3	mg/L	EPA 300.0	1	5			
2012/13-5	000NONPJ	matrix spike, rec	5/7/2013	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	72	118	
2012/13-5	000NONPJ	matrix spike	5/13/2013	Anion	Chloride	n/a	=	467	mg/L	EPA 300.0	10	50			
2012/13-5	000NONPJ	matrix spike dup	5/13/2013	Anion	Chloride	n/a	=	469	mg/L	EPA 300.0	10	50			
2012/13-5	000NONPJ	matrix spike dup, rec	5/13/2013	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	72	118	
2012/13-5	000NONPJ	matrix spike, rec	5/13/2013	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	72	118	
2012/13-5	000NONPJ	matrix spike, RPD	5/13/2013	Anion	Chloride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	6/4/2013	Anion	Chloride	n/a	=	51.6	mg/L	EPA 300.0	0.5	2.5			D,GB
2012/13-5	000NONPJ	matrix spike dup	6/4/2013	Anion	Chloride	n/a	=	47.5	mg/L	EPA 300.0	0.5	2.5			D
2012/13-5	000NONPJ	matrix spike dup, rec	6/4/2013	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	72	118	D
2012/13-5	000NONPJ	matrix spike, rec	6/4/2013	Anion	Chloride	n/a	=	123	%	EPA 300.0	-88	-88	72	118	D,GB
2012/13-5	000NONPJ	matrix spike, RPD	6/4/2013	Anion	Chloride	n/a	=	8	%	EPA 300.0	-88	-88	0	20	D
2012/13-5	000NONPJ	matrix spike	6/6/2013	Anion	Chloride	n/a	=	49.7	mg/L	EPA 300.0	0.5	2.5			D
2012/13-5	000NONPJ	matrix spike	6/6/2013	Anion	Chloride	n/a	=	50.1	mg/L	EPA 300.0	0.5	2.5			D
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Anion	Chloride	n/a	=	49.6	mg/L	EPA 300.0	0.5	2.5			D
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Anion	Chloride	n/a	=	50.4	mg/L	EPA 300.0	0.5	2.5			D
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	72	118	D
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	72	118	D
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	72	118	D
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	72	118	D
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	D
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	D
2012/13-5	Lab	LCS	5/7/2013	Anion	Chloride	n/a	=	3.76	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	Lab	LCS, rec	5/7/2013	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	90	110	
2012/13-5	Lab	method blank	5/7/2013	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	Lab	method blank	5/7/2013	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	Lab	LCS	5/7/2013	Anion	Chloride	n/a	=	3.74	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	Lab	LCS, rec	5/7/2013	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	90	110	
2012/13-5	Lab	LCS	5/13/2013	Anion	Chloride	n/a	=	3.93	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	Lab	LCS, rec	5/13/2013	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2012/13-5	Lab	method blank	5/13/2013	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	Lab	LCS	6/4/2013	Anion	Chloride	n/a	=	3.69	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	Lab	LCS, rec	6/4/2013	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	90	110	
2012/13-5	Lab	method blank	6/4/2013	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	Lab	LCS	6/6/2013	Anion	Chloride	n/a	=	3.72	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	Lab	LCS, rec	6/6/2013	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	90	110	
2012/13-5	Lab	method blank	6/6/2013	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	ME-CC	matrix spike	6/4/2013	Anion	Chloride	n/a	=	282	mg/L	EPA 300.0	1	5			D
2012/13-5	ME-CC	matrix spike dup	6/4/2013	Anion	Chloride	n/a	=	282	mg/L	EPA 300.0	1	5			D
2012/13-5	ME-CC	matrix spike dup, rec	6/4/2013	Anion	Chloride	n/a	=	88	%	EPA 300.0	-88	-88	72	118	D
2012/13-5	ME-CC	matrix spike, rec	6/4/2013	Anion	Chloride	n/a	=	88	%	EPA 300.0	-88	-88	72	118	D
2012/13-5	ME-CC	matrix spike, RPD	6/4/2013	Anion	Chloride	n/a	=	0.05	%	EPA 300.0	-88	-88	0	20	D
2012/13-5	MO-OJA	matrix spike	5/13/2013	Anion	Chloride	n/a	=	256	mg/L	EPA 300.0	1	5			
2012/13-5	MO-OJA	matrix spike dup	5/13/2013	Anion	Chloride	n/a	=	256	mg/L	EPA 300.0	1	5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/13/2013	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	72	118	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike, rec	5/13/2013	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	72	118	
2012/13-5	MO-OJA	matrix spike, RPD	5/13/2013	Anion	Chloride	n/a	=	0.03	%	EPA 300.0	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	5/7/2013	Anion	Fluoride	n/a	=	10	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	000NONPJ	matrix spike	5/7/2013	Anion	Fluoride	n/a	=	9.94	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	000NONPJ	matrix spike dup	5/7/2013	Anion	Fluoride	n/a	=	10	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	000NONPJ	matrix spike dup	5/7/2013	Anion	Fluoride	n/a	=	10.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-5	000NONPJ	matrix spike dup, rec	5/7/2013	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	
2012/13-5	000NONPJ	matrix spike dup, rec	5/7/2013	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	79	109	
2012/13-5	000NONPJ	matrix spike, rec	5/7/2013	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	
2012/13-5	000NONPJ	matrix spike, rec	5/7/2013	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	
2012/13-5	000NONPJ	matrix spike, RPD	5/7/2013	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike, RPD	5/7/2013	Anion	Fluoride	n/a	=	0.05	%	EPA 300.0	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	5/13/2013	Anion	Fluoride	n/a	=	197	mg/L	EPA 300.0	2	10			
2012/13-5	000NONPJ	matrix spike dup	5/13/2013	Anion	Fluoride	n/a	=	197	mg/L	EPA 300.0	2	10			
2012/13-5	000NONPJ	matrix spike dup, rec	5/13/2013	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	79	109	
2012/13-5	000NONPJ	matrix spike, rec	5/13/2013	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	79	109	
2012/13-5	000NONPJ	matrix spike, RPD	5/13/2013	Anion	Fluoride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	6/4/2013	Anion	Fluoride	n/a	=	9.78	mg/L	EPA 300.0	0.1	0.5			D
2012/13-5	000NONPJ	matrix spike dup	6/4/2013	Anion	Fluoride	n/a	=	9.86	mg/L	EPA 300.0	0.1	0.5			D
2012/13-5	000NONPJ	matrix spike dup, rec	6/4/2013	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	D
2012/13-5	000NONPJ	matrix spike, rec	6/4/2013	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	79	109	D
2012/13-5	000NONPJ	matrix spike, RPD	6/4/2013	Anion	Fluoride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	D
2012/13-5	Lab	LCS	5/7/2013	Anion	Fluoride	n/a	=	2.03	mg/L	EPA 300.0	0.02	0.1			
2012/13-5	Lab	LCS, rec	5/7/2013	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2012/13-5	Lab	method blank	5/7/2013	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2012/13-5	Lab	LCS	5/13/2013	Anion	Fluoride	n/a	=	2.09	mg/L	EPA 300.0	0.02	0.1			
2012/13-5	Lab	LCS, rec	5/13/2013	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2012/13-5	Lab	method blank	5/13/2013	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2012/13-5	Lab	LCS	6/4/2013	Anion	Fluoride	n/a	=	2.05	mg/L	EPA 300.0	0.02	0.1			
2012/13-5	Lab	LCS, rec	6/4/2013	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2012/13-5	Lab	method blank	6/4/2013	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2012/13-5	ME-CC	matrix spike	6/4/2013	Anion	Fluoride	n/a	=	19.5	mg/L	EPA 300.0	0.2	1			D
2012/13-5	ME-CC	matrix spike dup	6/4/2013	Anion	Fluoride	n/a	=	19.6	mg/L	EPA 300.0	0.2	1			D
2012/13-5	ME-CC	matrix spike dup, rec	6/4/2013	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	79	109	D
2012/13-5	ME-CC	matrix spike, rec	6/4/2013	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	D
2012/13-5	ME-CC	matrix spike, RPD	6/4/2013	Anion	Fluoride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	D
2012/13-5	MO-OJA	matrix spike	5/13/2013	Anion	Fluoride	n/a	=	20	mg/L	EPA 300.0	0.2	1			
2012/13-5	MO-OJA	matrix spike dup	5/13/2013	Anion	Fluoride	n/a	=	20	mg/L	EPA 300.0	0.2	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/13/2013	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	79	109	
2012/13-5	MO-OJA	matrix spike, rec	5/13/2013	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	
2012/13-5	MO-OJA	matrix spike, RPD	5/13/2013	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	5/1/2013	Anion	Perchlorate	n/a	=	10.4	µg/L	EPA 314.0	0.95	2			
2012/13-5	000NONPJ	matrix spike dup	5/1/2013	Anion	Perchlorate	n/a	=	10	µg/L	EPA 314.0	0.95	2			
2012/13-5	000NONPJ	matrix spike dup, rec	5/1/2013	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2012/13-5	000NONPJ	matrix spike, rec	5/1/2013	Anion	Perchlorate	n/a	=	104	%	EPA 314.0	-88	-88	80	120	
2012/13-5	000NONPJ	matrix spike, RPD	5/1/2013	Anion	Perchlorate	n/a	=	4	%	EPA 314.0	-88	-88	0	15	
2012/13-5	000NONPJ	matrix spike	5/2/2013	Anion	Perchlorate	n/a	=	12.5	µg/L	EPA 314.0	0.95	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	000NONPJ	matrix spike dup	5/2/2013	Anion	Perchlorate	n/a	=	13.3	µg/L	EPA 314.0	0.95	2			
2012/13-5	000NONPJ	matrix spike dup, rec	5/2/2013	Anion	Perchlorate	n/a	=	106	%	EPA 314.0	-88	-88	80	120	
2012/13-5	000NONPJ	matrix spike, rec	5/2/2013	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	80	120	
2012/13-5	000NONPJ	matrix spike, RPD	5/2/2013	Anion	Perchlorate	n/a	=	7	%	EPA 314.0	-88	-88	0	15	
2012/13-5	000NONPJ	matrix spike	5/10/2013	Anion	Perchlorate	n/a	=	9	µg/L	EPA 314.0	0.95	2			
2012/13-5	000NONPJ	matrix spike dup	5/10/2013	Anion	Perchlorate	n/a	=	8.87	µg/L	EPA 314.0	0.95	2			
2012/13-5	000NONPJ	matrix spike dup, rec	5/10/2013	Anion	Perchlorate	n/a	=	89	%	EPA 314.0	-88	-88	80	120	
2012/13-5	000NONPJ	matrix spike, rec	5/10/2013	Anion	Perchlorate	n/a	=	90	%	EPA 314.0	-88	-88	80	120	
2012/13-5	000NONPJ	matrix spike, RPD	5/10/2013	Anion	Perchlorate	n/a	=	1	%	EPA 314.0	-88	-88	0	15	
2012/13-5	000NONPJ	matrix spike	5/14/2013	Anion	Perchlorate	n/a	=	41.1	µg/L	EPA 314.0	0.95	2			
2012/13-5	000NONPJ	matrix spike dup	5/14/2013	Anion	Perchlorate	n/a	=	39.6	µg/L	EPA 314.0	0.95	2			
2012/13-5	000NONPJ	matrix spike dup, rec	5/14/2013	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2012/13-5	000NONPJ	matrix spike, rec	5/14/2013	Anion	Perchlorate	n/a	=	116	%	EPA 314.0	-88	-88	80	120	
2012/13-5	000NONPJ	matrix spike, RPD	5/14/2013	Anion	Perchlorate	n/a	=	4	%	EPA 314.0	-88	-88	0	15	
2012/13-5	000NONPJ	matrix spike	6/5/2013	Anion	Perchlorate	n/a	=	12.4	µg/L	EPA 314.0	0.95	2			
2012/13-5	000NONPJ	matrix spike dup	6/5/2013	Anion	Perchlorate	n/a	=	12.9	µg/L	EPA 314.0	0.95	2			
2012/13-5	000NONPJ	matrix spike dup, rec	6/5/2013	Anion	Perchlorate	n/a	=	106	%	EPA 314.0	-88	-88	80	120	
2012/13-5	000NONPJ	matrix spike, rec	6/5/2013	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2012/13-5	000NONPJ	matrix spike, RPD	6/5/2013	Anion	Perchlorate	n/a	=	4	%	EPA 314.0	-88	-88	0	15	
2012/13-5	Lab	LCS	5/1/2013	Anion	Perchlorate	n/a	=	9.34	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS, rec	5/1/2013	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	85	115	
2012/13-5	Lab	method blank	5/1/2013	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS	5/2/2013	Anion	Perchlorate	n/a	=	9.22	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS, rec	5/2/2013	Anion	Perchlorate	n/a	=	92	%	EPA 314.0	-88	-88	85	115	
2012/13-5	Lab	method blank	5/2/2013	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS	5/10/2013	Anion	Perchlorate	n/a	=	8.56	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS, rec	5/10/2013	Anion	Perchlorate	n/a	=	86	%	EPA 314.0	-88	-88	85	115	
2012/13-5	Lab	method blank	5/10/2013	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS	5/14/2013	Anion	Perchlorate	n/a	=	10.6	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS, rec	5/14/2013	Anion	Perchlorate	n/a	=	106	%	EPA 314.0	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS	6/4/2013	Anion	Perchlorate	n/a	=	9.89	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS, rec	6/4/2013	Anion	Perchlorate	n/a	=	99	%	EPA 314.0	-88	-88	85	115	
2012/13-5	Lab	method blank	6/4/2013	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS	6/5/2013	Anion	Perchlorate	n/a	=	10.8	µg/L	EPA 314.0	0.95	2			
2012/13-5	Lab	LCS, rec	6/5/2013	Anion	Perchlorate	n/a	=	108	%	EPA 314.0	-88	-88	85	115	
2012/13-5	Lab	method blank	6/5/2013	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-5	ME-CC	matrix spike	6/4/2013	Anion	Perchlorate	n/a	=	11.7	µg/L	EPA 314.0	0.95	2			
2012/13-5	ME-CC	matrix spike dup	6/4/2013	Anion	Perchlorate	n/a	=	11.3	µg/L	EPA 314.0	0.95	2			
2012/13-5	ME-CC	matrix spike dup, rec	6/4/2013	Anion	Perchlorate	n/a	=	113	%	EPA 314.0	-88	-88	80	120	
2012/13-5	ME-CC	matrix spike, rec	6/4/2013	Anion	Perchlorate	n/a	=	117	%	EPA 314.0	-88	-88	80	120	
2012/13-5	ME-CC	matrix spike, RPD	6/4/2013	Anion	Perchlorate	n/a	=	4	%	EPA 314.0	-88	-88	0	15	
2012/13-5	MO-OJA	matrix spike	5/10/2013	Anion	Perchlorate	n/a	=	8.7	µg/L	EPA 314.0	0.95	2			
2012/13-5	MO-OJA	matrix spike, rec	5/10/2013	Anion	Perchlorate	n/a	=	87	%	EPA 314.0	-88	-88	80	120	
2012/13-5	MO-OJA	matrix spike dup	5/10/2013	Anion	Perchlorate	n/a	=	8.58	µg/L	EPA 314.0	0.95	2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/10/2013	Anion	Perchlorate	n/a	=	86	%	EPA 314.0	-88	-88	80	120	
2012/13-5	MO-OJA	matrix spike, RPD	5/10/2013	Anion	Perchlorate	n/a	=	1	%	EPA 314.0	-88	-88	0	15	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	000NONPJ	matrix spike	5/14/2013	Cation	Calcium	Total	=	291	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	000NONPJ	matrix spike, rec	5/14/2013	Cation	Calcium	Total	=	72	%	EPA 200.7	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	5/14/2013	Cation	Calcium	Total	=	295	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	000NONPJ	matrix spike dup, rec	5/14/2013	Cation	Calcium	Total	=	80	%	EPA 200.7	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	5/14/2013	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	Lab	LCS	5/6/2013	Cation	Calcium	Total	=	46.4	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	Lab	LCS, rec	5/6/2013	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	Lab	LCS	5/14/2013	Cation	Calcium	Total	=	45.9	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	Lab	LCS, rec	5/14/2013	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	85	115	
2012/13-5	Lab	method blank	6/19/2013	Cation	Calcium	Total	DNQ	0.0214	mg/L	EPA 200.7	0.016	0.1			IP
2012/13-5	Lab	LCS	6/19/2013	Cation	Calcium	Total	=	46.5	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	Lab	LCS, rec	6/19/2013	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2012/13-5	ME-CC	matrix spike	6/19/2013	Cation	Calcium	Total	=	141	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/19/2013	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/19/2013	Cation	Calcium	Total	=	144	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/19/2013	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/19/2013	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2012/13-5	ME-SCR	matrix spike	5/6/2013	Cation	Calcium	Total	=	195	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	ME-SCR	matrix spike, rec	5/6/2013	Cation	Calcium	Total	=	75	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-SCR	matrix spike dup	5/6/2013	Cation	Calcium	Total	=	195	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	ME-SCR	matrix spike dup, rec	5/6/2013	Cation	Calcium	Total	=	76	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-SCR	matrix spike, RPD	5/6/2013	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Cation	Calcium	Total	=	156	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Cation	Calcium	Total	=	164	mg/L	EPA 200.7	0.016	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Cation	Calcium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Cation	Calcium	Total	=	5	%	EPA 200.7	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	5/14/2013	Cation	Magnesium	Total	=	127	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	000NONPJ	matrix spike, rec	5/14/2013	Cation	Magnesium	Total	=	80	%	EPA 200.7	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	5/14/2013	Cation	Magnesium	Total	=	127	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	000NONPJ	matrix spike dup, rec	5/14/2013	Cation	Magnesium	Total	=	82	%	EPA 200.7	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	5/14/2013	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Cation	Magnesium	Total	DNQ	0.025	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	Lab	LCS	5/6/2013	Cation	Magnesium	Total	=	45.7	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	Lab	LCS, rec	5/6/2013	Cation	Magnesium	Total	=	91	%	EPA 200.7	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	Lab	LCS	5/14/2013	Cation	Magnesium	Total	=	44.8	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	Lab	LCS, rec	5/14/2013	Cation	Magnesium	Total	=	89	%	EPA 200.7	-88	-88	85	115	
2012/13-5	Lab	method blank	6/19/2013	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	Lab	LCS	6/19/2013	Cation	Magnesium	Total	=	47.6	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	Lab	LCS, rec	6/19/2013	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2012/13-5	ME-CC	matrix spike	6/19/2013	Cation	Magnesium	Total	=	101	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/19/2013	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/19/2013	Cation	Magnesium	Total	=	103	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/19/2013	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike, RPD	6/19/2013	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2012/13-5	ME-SCR	matrix spike	5/6/2013	Cation	Magnesium	Total	=	111	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	ME-SCR	matrix spike, rec	5/6/2013	Cation	Magnesium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-SCR	matrix spike dup	5/6/2013	Cation	Magnesium	Total	=	109	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	ME-SCR	matrix spike dup, rec	5/6/2013	Cation	Magnesium	Total	=	87	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-SCR	matrix spike, RPD	5/6/2013	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Cation	Magnesium	Total	=	108	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Cation	Magnesium	Total	=	81	%	EPA 200.7	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Cation	Magnesium	Total	=	113	mg/L	EPA 200.7	0.012	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Cation	Magnesium	Total	=	5	%	EPA 200.7	-88	-88	0	30	
2012/13-5	000NONPJ	lab duplicate	5/1/2013	Conventional	Alkalinity as CaCO3	n/a	=	535	mg/L	SM 2320 B	0.56	10		15	
2012/13-5	Lab	LCS	5/1/2013	Conventional	Alkalinity as CaCO3	n/a	=	258	mg/L	SM 2320 B	0.56	10			
2012/13-5	Lab	LCS, rec	5/1/2013	Conventional	Alkalinity as CaCO3	n/a	=	103	%	SM 2320 B	-88	-88	94	108	
2012/13-5	Lab	method blank	5/1/2013	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.29	mg/L	SM 2320 B	0.56	10			
2012/13-5	Lab	LCS	5/6/2013	Conventional	Alkalinity as CaCO3	n/a	=	269	mg/L	SM 2320 B	0.56	10			
2012/13-5	Lab	LCS, rec	5/6/2013	Conventional	Alkalinity as CaCO3	n/a	=	108	%	SM 2320 B	-88	-88	94	108	
2012/13-5	Lab	method blank	5/6/2013	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.4	mg/L	SM 2320 B	0.56	10			
2012/13-5	Lab	LCS	6/4/2013	Conventional	Alkalinity as CaCO3	n/a	=	255	mg/L	SM 2320 B	0.56	2			
2012/13-5	Lab	LCS, rec	6/4/2013	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2012/13-5	Lab	method blank	6/4/2013	Conventional	Alkalinity as CaCO3	n/a	DNQ	1	mg/L	SM 2320 B	0.56	2			IP
2012/13-5	ME-CC	lab duplicate	6/4/2013	Conventional	Alkalinity as CaCO3	n/a	=	265	mg/L	SM 2320 B	0.56	2		15	
2012/13-5	MO-OJA	lab duplicate	5/6/2013	Conventional	Alkalinity as CaCO3	n/a	=	339	mg/L	SM 2320 B	0.56	10		15	
2012/13-5	Lab	LCS	4/29/2013	Conventional	BOD	n/a	=	188	mg/L	SM 5210 B	0.1	2			
2012/13-5	Lab	LCS, rec	4/29/2013	Conventional	BOD	n/a	=	95	%	SM 5210 B	-88	-88	85	115	
2012/13-5	Lab	LCS	5/6/2013	Conventional	BOD	n/a	=	174	mg/L	SM 5210 B	0.1	2			
2012/13-5	Lab	LCS, rec	5/6/2013	Conventional	BOD	n/a	=	88	%	SM 5210 B	-88	-88	85	115	
2012/13-5	Lab	LCS	5/28/2013	Conventional	BOD	n/a	=	176	mg/L	SM 5210 B	0.1	2			
2012/13-5	Lab	LCS, rec	5/28/2013	Conventional	BOD	n/a	=	89	%	SM 5210 B	-88	-88	85	115	
2012/13-5	ME-CC	lab duplicate	5/28/2013	Conventional	BOD	n/a	DNQ	1.69	mg/L	SM 5210 B	0.1	2	0	20	
2012/13-5	MO-OJA	lab duplicate	5/6/2013	Conventional	BOD	n/a	=	3.03	mg/L	SM 5210 B	0.1	2		20	
2012/13-5	000NONPJ	lab duplicate	4/27/2013	Conventional	COD	n/a	=	9.78	mg/L	EPA 410.4	0.73	5		15	
2012/13-5	000NONPJ	matrix spike	4/27/2013	Conventional	COD	n/a	=	211	mg/L	EPA 410.4	1.5	10			
2012/13-5	000NONPJ	matrix spike	4/27/2013	Conventional	COD	n/a	=	189	mg/L	EPA 410.4	1.5	10			
2012/13-5	000NONPJ	matrix spike dup	4/27/2013	Conventional	COD	n/a	=	197	mg/L	EPA 410.4	1.5	10			
2012/13-5	000NONPJ	matrix spike dup	4/27/2013	Conventional	COD	n/a	=	214	mg/L	EPA 410.4	1.5	10			
2012/13-5	000NONPJ	matrix spike dup, rec	4/27/2013	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup, rec	4/27/2013	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, rec	4/27/2013	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, rec	4/27/2013	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	4/27/2013	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2012/13-5	000NONPJ	matrix spike, RPD	4/27/2013	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	
2012/13-5	000NONPJ	lab duplicate	5/8/2013	Conventional	COD	n/a	=	20	mg/L	EPA 410.4	0.73	5		15	
2012/13-5	000NONPJ	matrix spike	5/8/2013	Conventional	COD	n/a	=	208	mg/L	EPA 410.4	1.5	10			
2012/13-5	000NONPJ	matrix spike dup	5/8/2013	Conventional	COD	n/a	=	208	mg/L	EPA 410.4	1.5	10			
2012/13-5	000NONPJ	matrix spike dup, rec	5/8/2013	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, rec	5/8/2013	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	000NONPJ	matrix spike, RPD	5/8/2013	Conventional	COD	n/a	=	0.1	%	EPA 410.4	-88	-88	0	15	
2012/13-5	000NONPJ	lab duplicate	5/31/2013	Conventional	COD	n/a	=	54200	mg/L	EPA 410.4	36	250	0	15	D
2012/13-5	000NONPJ	matrix spike	5/31/2013	Conventional	COD	n/a	=	2720	mg/L	EPA 410.4	1.5	10			D
2012/13-5	000NONPJ	matrix spike dup	5/31/2013	Conventional	COD	n/a	=	2700	mg/L	EPA 410.4	1.5	10			D
2012/13-5	000NONPJ	matrix spike dup, rec	5/31/2013	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	D
2012/13-5	000NONPJ	matrix spike, rec	5/31/2013	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	D
2012/13-5	000NONPJ	matrix spike, RPD	5/31/2013	Conventional	COD	n/a	=	0.7	%	EPA 410.4	-88	-88	0	15	D
2012/13-5	Lab	LCS	4/27/2013	Conventional	COD	n/a	=	94.3	mg/L	EPA 410.4	0.73	5			
2012/13-5	Lab	LCS, rec	4/27/2013	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2012/13-5	Lab	method blank	4/27/2013	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2012/13-5	Lab	LCS	5/8/2013	Conventional	COD	n/a	=	104	mg/L	EPA 410.4	0.73	5			
2012/13-5	Lab	LCS, rec	5/8/2013	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2012/13-5	Lab	method blank	5/8/2013	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2012/13-5	Lab	LCS	5/31/2013	Conventional	COD	n/a	=	99.4	mg/L	EPA 410.4	0.73	5			
2012/13-5	Lab	LCS, rec	5/31/2013	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2012/13-5	Lab	method blank	5/31/2013	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2012/13-5	ME-CC	matrix spike	5/31/2013	Conventional	COD	n/a	=	214	mg/L	EPA 410.4	1.5	10			D
2012/13-5	ME-CC	matrix spike dup	5/31/2013	Conventional	COD	n/a	=	217	mg/L	EPA 410.4	1.5	10			D
2012/13-5	ME-CC	matrix spike dup, rec	5/31/2013	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	D
2012/13-5	ME-CC	matrix spike, rec	5/31/2013	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	D
2012/13-5	ME-CC	matrix spike, RPD	5/31/2013	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	D
2012/13-5	MO-OJA	matrix spike	5/8/2013	Conventional	COD	n/a	=	217	mg/L	EPA 410.4	1.5	10			
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Conventional	COD	n/a	=	213	mg/L	EPA 410.4	1.5	10			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2012/13-5	MO-VEN	lab duplicate	4/27/2013	Conventional	COD	n/a	=	189	mg/L	EPA 410.4	0.73	5		15	
2012/13-5	000NONPJ	matrix spike	5/7/2013	Conventional	Cyanide	Total	=	0.0792	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	000NONPJ	matrix spike, rec	5/7/2013	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	5/7/2013	Conventional	Cyanide	Total	=	0.0796	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	000NONPJ	matrix spike dup, rec	5/7/2013	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	5/7/2013	Conventional	Cyanide	Total	=	0.5	%	EPA 335.4	-88	-88	0	20	
2012/13-5	Lab	LCS	5/7/2013	Conventional	Cyanide	Total	=	0.0824	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	Lab	LCS, rec	5/7/2013	Conventional	Cyanide	Total	=	99	%	EPA 335.4	-88	-88	90	110	
2012/13-5	Lab	method blank	5/7/2013	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	Lab	method blank	5/13/2013	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	Lab	LCS	5/13/2013	Conventional	Cyanide	Total	=	0.079	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	Lab	LCS, rec	5/13/2013	Conventional	Cyanide	Total	=	95	%	EPA 335.4	-88	-88	90	110	
2012/13-5	Lab	LCS	5/17/2013	Conventional	Cyanide	Total	=	0.0761	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	Lab	LCS, rec	5/17/2013	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	
2012/13-5	Lab	method blank	5/17/2013	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	Lab	method blank	6/12/2013	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	Lab	LCS	6/12/2013	Conventional	Cyanide	Total	=	0.0765	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	Lab	LCS, rec	6/12/2013	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike	6/12/2013	Conventional	Cyanide	Total	=	0.0782	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Conventional	Cyanide	Total	=	94	%	EPA 335.4	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Conventional	Cyanide	Total	=	0.0789	mg/L	EPA 335.4	0.0027	0.005			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Conventional	Cyanide	Total	=	95	%	EPA 335.4	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Conventional	Cyanide	Total	=	0.9	%	EPA 335.4	-88	-88	0	20	
2012/13-5	ME-VR2	matrix spike	5/13/2013	Conventional	Cyanide	Total	=	0.0769	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	ME-VR2	matrix spike, rec	5/13/2013	Conventional	Cyanide	Total	=	93	%	EPA 335.4	-88	-88	90	110	
2012/13-5	ME-VR2	matrix spike dup	5/13/2013	Conventional	Cyanide	Total	=	0.0767	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	ME-VR2	matrix spike dup, rec	5/13/2013	Conventional	Cyanide	Total	=	93	%	EPA 335.4	-88	-88	90	110	
2012/13-5	ME-VR2	matrix spike, RPD	5/13/2013	Conventional	Cyanide	Total	=	0.3	%	EPA 335.4	-88	-88	0	20	
2012/13-5	MO-HUE	matrix spike	5/17/2013	Conventional	Cyanide	Total	=	0.0801	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	MO-HUE	matrix spike, rec	5/17/2013	Conventional	Cyanide	Total	=	97	%	EPA 335.4	-88	-88	90	110	
2012/13-5	MO-HUE	matrix spike dup	5/17/2013	Conventional	Cyanide	Total	=	0.0801	mg/L	EPA 335.4	0.0027	0.005			
2012/13-5	MO-HUE	matrix spike dup, rec	5/17/2013	Conventional	Cyanide	Total	=	97	%	EPA 335.4	-88	-88	90	110	
2012/13-5	MO-HUE	matrix spike, RPD	5/17/2013	Conventional	Cyanide	Total	=	0	%	EPA 335.4	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	4/24/2013	Conventional	MBAS	n/a	=	0.226	mg/L	SM 5540 C	0.019	0.05			
2012/13-5	000NONPJ	matrix spike dup	4/24/2013	Conventional	MBAS	n/a	=	0.243	mg/L	SM 5540 C	0.019	0.05			
2012/13-5	000NONPJ	matrix spike dup, rec	4/24/2013	Conventional	MBAS	n/a	=	106	%	SM 5540 C	-88	-88	77	118	
2012/13-5	000NONPJ	matrix spike, rec	4/24/2013	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	77	118	
2012/13-5	000NONPJ	matrix spike, RPD	4/24/2013	Conventional	MBAS	n/a	=	7	%	SM 5540 C	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	5/1/2013	Conventional	MBAS	n/a	=	0.222	mg/L	SM 5540 C	0.023	0.06			
2012/13-5	000NONPJ	matrix spike dup	5/1/2013	Conventional	MBAS	n/a	=	0.206	mg/L	SM 5540 C	0.023	0.06			
2012/13-5	000NONPJ	matrix spike dup, rec	5/1/2013	Conventional	MBAS	n/a	=	82	%	SM 5540 C	-88	-88	77	118	
2012/13-5	000NONPJ	matrix spike, rec	5/1/2013	Conventional	MBAS	n/a	=	90	%	SM 5540 C	-88	-88	77	118	
2012/13-5	000NONPJ	matrix spike, RPD	5/1/2013	Conventional	MBAS	n/a	=	7	%	SM 5540 C	-88	-88	0	20	
2012/13-5	Lab	LCS	4/24/2013	Conventional	MBAS	n/a	=	0.207	mg/L	SM 5540 C	0.019	0.05			
2012/13-5	Lab	LCS, rec	4/24/2013	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	79	113	
2012/13-5	Lab	method blank	4/24/2013	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2012/13-5	Lab	LCS	5/1/2013	Conventional	MBAS	n/a	=	0.198	mg/L	SM 5540 C	0.023	0.06			
2012/13-5	Lab	LCS, rec	5/1/2013	Conventional	MBAS	n/a	=	99	%	SM 5540 C	-88	-88	79	113	
2012/13-5	Lab	method blank	5/1/2013	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.06			
2012/13-5	Lab	LCS	5/16/2013	Conventional	MBAS	n/a	=	0.194	mg/L	SM 5540 C	0.023	0.06			
2012/13-5	Lab	LCS, rec	5/16/2013	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	79	113	
2012/13-5	Lab	method blank	5/16/2013	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.06			
2012/13-5	Lab	LCS	5/24/2013	Conventional	MBAS	n/a	=	0.214	mg/L	SM 5540 C	0.019	0.05			
2012/13-5	Lab	LCS, rec	5/24/2013	Conventional	MBAS	n/a	=	107	%	SM 5540 C	-88	-88	79	113	
2012/13-5	Lab	method blank	5/24/2013	Conventional	MBAS	n/a	DNQ	0.0207	mg/L	SM 5540 C	0.019	0.05			IP
2012/13-5	ME-CC	matrix spike	5/24/2013	Conventional	MBAS	n/a	=	0.248	mg/L	SM 5540 C	0.019	0.05			
2012/13-5	ME-CC	matrix spike dup	5/24/2013	Conventional	MBAS	n/a	=	0.249	mg/L	SM 5540 C	0.019	0.05			
2012/13-5	ME-CC	matrix spike dup, rec	5/24/2013	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	77	118	
2012/13-5	ME-CC	matrix spike, rec	5/24/2013	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	77	118	
2012/13-5	ME-CC	matrix spike, RPD	5/24/2013	Conventional	MBAS	n/a	=	0.4	%	SM 5540 C	-88	-88	0	20	
2012/13-5	MO-OJA	lab duplicate	5/16/2013	Conventional	MBAS	n/a	=	0.0708	mg/L	SM 5540 C	0.023	0.06	0	20	EST-HT
2012/13-5	MO-OJA	matrix spike	5/16/2013	Conventional	MBAS	n/a	=	0.261	mg/L	SM 5540 C	0.023	0.06			
2012/13-5	MO-OJA	matrix spike dup	5/16/2013	Conventional	MBAS	n/a	=	0.278	mg/L	SM 5540 C	0.023	0.06			
2012/13-5	MO-OJA	matrix spike dup, rec	5/16/2013	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	77	118	
2012/13-5	MO-OJA	matrix spike, rec	5/16/2013	Conventional	MBAS	n/a	=	92	%	SM 5540 C	-88	-88	77	118	
2012/13-5	MO-OJA	matrix spike, RPD	5/16/2013	Conventional	MBAS	n/a	=	6	%	SM 5540 C	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Conventional	Phenolics	n/a	=	0.266	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Conventional	Phenolics	n/a	=	106	%	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	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Conventional	Phenolics	n/a	=	0.267	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Conventional	Phenolics	n/a	=	107	%	EPA 420.4	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Conventional	Phenolics	n/a	=	0.5	%	EPA 420.4	-88	-88	0	20	
2012/13-5	Lab	LCS	4/26/2013	Conventional	Phenolics	n/a	=	0.103	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	Lab	LCS, rec	4/26/2013	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2012/13-5	Lab	method blank	4/26/2013	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	Lab	LCS	5/8/2013	Conventional	Phenolics	n/a	=	0.0973	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	Lab	LCS, rec	5/8/2013	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2012/13-5	Lab	method blank	5/8/2013	Conventional	Phenolics	n/a	DNQ	0.0053	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	Lab	LCS	5/10/2013	Conventional	Phenolics	n/a	=	0.0985	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	Lab	LCS, rec	5/10/2013	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2012/13-5	Lab	method blank	5/10/2013	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	Lab	LCS	6/10/2013	Conventional	Phenolics	n/a	=	0.107	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	Lab	LCS, rec	6/10/2013	Conventional	Phenolics	n/a	=	107	%	EPA 420.4	-88	-88	90	110	
2012/13-5	Lab	method blank	6/10/2013	Conventional	Phenolics	n/a	DNQ	0.0061	mg/L	EPA 420.4	0.0042	0.01			IP
2012/13-5	ME-CC	matrix spike dup	6/10/2013	Conventional	Phenolics	n/a	=	0.53	mg/L	EPA 420.4	0.0084	0.02			D
2012/13-5	ME-CC	matrix spike dup, rec	6/10/2013	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	D
2012/13-5	ME-CC	matrix spike, RPD	6/10/2013	Conventional	Phenolics	n/a	=	0.3	%	EPA 420.4	-88	-88	0	20	D
2012/13-5	ME-CC	matrix spike	6/12/2013	Conventional	Phenolics	n/a	=	0.531	mg/L	EPA 420.4	0.0084	0.02			D
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	D
2012/13-5	MO-HUE	matrix spike	5/10/2013	Conventional	Phenolics	n/a	=	0.497	mg/L	EPA 420.4	0.0084	0.02			GB
2012/13-5	MO-HUE	matrix spike, rec	5/10/2013	Conventional	Phenolics	n/a	=	87	%	EPA 420.4	-88	-88	90	110	GB
2012/13-5	MO-HUE	matrix spike dup	5/10/2013	Conventional	Phenolics	n/a	=	0.496	mg/L	EPA 420.4	0.0084	0.02			GB
2012/13-5	MO-HUE	matrix spike dup, rec	5/10/2013	Conventional	Phenolics	n/a	=	87	%	EPA 420.4	-88	-88	90	110	GB
2012/13-5	MO-HUE	matrix spike, RPD	5/10/2013	Conventional	Phenolics	n/a	=	0.1	%	EPA 420.4	-88	-88	0	20	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Conventional	Phenolics	n/a	=	0.257	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Conventional	Phenolics	n/a	=	0.253	mg/L	EPA 420.4	0.0042	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2012/13-5	Lab	LCS	5/3/2013	Conventional	Specific Conductance	n/a	=	204	µmhos/cm	SM 2510 B	0.23	2			
2012/13-5	Lab	LCS, rec	5/3/2013	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2012/13-5	Lab	method blank	5/3/2013	Conventional	Specific Conductance	n/a	DNQ	0.48	µmhos/cm	SM 2510 B	0.23	2			
2012/13-5	Lab	LCS	5/6/2013	Conventional	Specific Conductance	n/a	=	210	µmhos/cm	SM 2510 B	0.23	2			
2012/13-5	Lab	LCS, rec	5/6/2013	Conventional	Specific Conductance	n/a	=	105	%	SM 2510 B	-88	-88	95	105	
2012/13-5	Lab	method blank	5/6/2013	Conventional	Specific Conductance	n/a	DNQ	0.4	µmhos/cm	SM 2510 B	0.23	2			
2012/13-5	Lab	LCS	5/29/2013	Conventional	Specific Conductance	n/a	=	202	µmhos/cm	SM 2510 B	0.23	2			
2012/13-5	Lab	LCS, rec	5/29/2013	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2012/13-5	Lab	method blank	5/29/2013	Conventional	Specific Conductance	n/a	DNQ	0.38	µmhos/cm	SM 2510 B	0.23	2			IP
2012/13-5	ME-CC	lab duplicate	5/29/2013	Conventional	Specific Conductance	n/a	=	1920	µmhos/cm	SM 2510 B	0.47	4		4.28	D
2012/13-5	ME-SCR	lab duplicate	5/3/2013	Conventional	Specific Conductance	n/a	=	1850	µmhos/cm	SM 2510 B	0.47	4		4.28	
2012/13-5	MO-OJA	lab duplicate	5/6/2013	Conventional	Specific Conductance	n/a	=	1890	µmhos/cm	SM 2510 B	0.47	4		4.28	
2012/13-5	Lab	LCS	5/24/2013	Conventional	Total Chlorine Residual	n/a	=	0.198	mg/L	SM 4500-Cl G	0.0015	0.05			
2012/13-5	Lab	LCS, rec	5/24/2013	Conventional	Total Chlorine Residual	n/a	=	99	%	SM 4500-Cl G	-88	-88	82	112	
2012/13-5	Lab	method blank	5/24/2013	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2012/13-5	ME-CC	matrix spike	5/24/2013	Conventional	Total Chlorine Residual	n/a	=	0.232	mg/L	SM 4500-Cl G	0.0015	0.05			EST-HT
2012/13-5	ME-CC	matrix spike dup	5/24/2013	Conventional	Total Chlorine Residual	n/a	=	0.223	mg/L	SM 4500-Cl G	0.0015	0.05			EST-HT

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup, rec	5/24/2013	Conventional	Total Chlorine Residual	n/a	=	95	%	SM 4500-Cl G	-88	-88	65	128	EST-HT
2012/13-5	ME-CC	matrix spike, rec	5/24/2013	Conventional	Total Chlorine Residual	n/a	=	99	%	SM 4500-Cl G	-88	-88	65	128	EST-HT
2012/13-5	ME-CC	matrix spike, RPD	5/24/2013	Conventional	Total Chlorine Residual	n/a	=	4	%	SM 4500-Cl G	-88	-88	0	15	EST-HT
2012/13-5	000NONPJ	lab duplicate	4/26/2013	Conventional	Total Dissolved Solids	n/a	=	260	mg/L	SM 2540 C	4	10		10	
2012/13-5	000NONPJ	lab duplicate	4/29/2013	Conventional	Total Dissolved Solids	n/a	=	1730	mg/L	SM 2540 C	4	10		10	
2012/13-5	000NONPJ	lab duplicate	5/1/2013	Conventional	Total Dissolved Solids	n/a	=	2190	mg/L	SM 2540 C	4	10		10	
2012/13-5	000NONPJ	lab duplicate	5/28/2013	Conventional	Total Dissolved Solids	n/a	=	299	mg/L	SM 2540 C	4	10		10	
2012/13-5	Lab	LCS	4/26/2013	Conventional	Total Dissolved Solids	n/a	=	798	mg/L	SM 2540 C	4	10			
2012/13-5	Lab	LCS, rec	4/26/2013	Conventional	Total Dissolved Solids	n/a	=	97	%	SM 2540 C	-88	-88	91	104	
2012/13-5	Lab	method blank	4/26/2013	Conventional	Total Dissolved Solids	n/a	DNQ	9	mg/L	SM 2540 C	4	10			
2012/13-5	Lab	LCS	4/29/2013	Conventional	Total Dissolved Solids	n/a	=	825	mg/L	SM 2540 C	4	10			
2012/13-5	Lab	LCS, rec	4/29/2013	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	91	104	
2012/13-5	Lab	method blank	4/29/2013	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2012/13-5	Lab	LCS	5/1/2013	Conventional	Total Dissolved Solids	n/a	=	822	mg/L	SM 2540 C	4	10			
2012/13-5	Lab	LCS, rec	5/1/2013	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	91	104	
2012/13-5	Lab	method blank	5/1/2013	Conventional	Total Dissolved Solids	n/a	DNQ	8	mg/L	SM 2540 C	4	10			
2012/13-5	Lab	LCS	5/28/2013	Conventional	Total Dissolved Solids	n/a	=	825	mg/L	SM 2540 C	4	10			
2012/13-5	Lab	LCS, rec	5/28/2013	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	91	104	
2012/13-5	Lab	method blank	5/28/2013	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2012/13-5	ME-CC	lab duplicate	5/28/2013	Conventional	Total Dissolved Solids	n/a	=	1150	mg/L	SM 2540 C	4	10		10	
2012/13-5	MO-FIL	lab duplicate	4/26/2013	Conventional	Total Dissolved Solids	n/a	=	1120	mg/L	SM 2540 C	4	10		10	
2012/13-5	MO-OJA	lab duplicate	5/1/2013	Conventional	Total Dissolved Solids	n/a	=	1210	mg/L	SM 2540 C	4	10		10	
2012/13-5	Lab	LCS	4/29/2013	Conventional	Total Organic Carbon	n/a	=	4.97	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	Lab	LCS, rec	4/29/2013	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	85	115	
2012/13-5	Lab	method blank	4/29/2013	Conventional	Total Organic Carbon	n/a	DNQ	0.0452	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	Lab	LCS	5/10/2013	Conventional	Total Organic Carbon	n/a	=	5.08	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	Lab	LCS, rec	5/10/2013	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 C	-88	-88	85	115	
2012/13-5	Lab	method blank	5/10/2013	Conventional	Total Organic Carbon	n/a	DNQ	0.0236	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	Lab	LCS	6/5/2013	Conventional	Total Organic Carbon	n/a	=	4.92	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	Lab	LCS, rec	6/5/2013	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	85	115	
2012/13-5	Lab	method blank	6/5/2013	Conventional	Total Organic Carbon	n/a	DNQ	0.0215	mg/L	SM 5310 C	0.009	0.3			IP
2012/13-5	ME-CC	matrix spike	6/5/2013	Conventional	Total Organic Carbon	n/a	=	9.01	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	ME-CC	matrix spike dup	6/5/2013	Conventional	Total Organic Carbon	n/a	=	9.27	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	ME-CC	matrix spike dup, rec	6/5/2013	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	77	114	
2012/13-5	ME-CC	matrix spike, rec	6/5/2013	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 C	-88	-88	77	114	
2012/13-5	ME-CC	matrix spike, RPD	6/5/2013	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 C	-88	-88	0	10	
2012/13-5	MO-FIL	matrix spike	4/29/2013	Conventional	Total Organic Carbon	n/a	=	7.7	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	MO-FIL	matrix spike dup	4/29/2013	Conventional	Total Organic Carbon	n/a	=	7.81	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	MO-FIL	matrix spike dup, rec	4/29/2013	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 C	-88	-88	77	114	
2012/13-5	MO-FIL	matrix spike, rec	4/29/2013	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 C	-88	-88	77	114	
2012/13-5	MO-FIL	matrix spike, RPD	4/29/2013	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 C	-88	-88	0	10	
2012/13-5	MO-OJA	matrix spike	5/10/2013	Conventional	Total Organic Carbon	n/a	=	9.32	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	MO-OJA	matrix spike dup	5/10/2013	Conventional	Total Organic Carbon	n/a	=	9.44	mg/L	SM 5310 C	0.009	0.3			
2012/13-5	MO-OJA	matrix spike dup, rec	5/10/2013	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 C	-88	-88	77	114	
2012/13-5	MO-OJA	matrix spike, rec	5/10/2013	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 C	-88	-88	77	114	
2012/13-5	MO-OJA	matrix spike, RPD	5/10/2013	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 C	-88	-88	0	10	
2012/13-5	000NONPJ	lab duplicate	4/29/2013	Conventional	Total Suspended Solids	n/a	=	6	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	
2012/13-5	000NONPJ	lab duplicate	4/29/2013	Conventional	Total Suspended Solids	n/a	=	990	mg/L	SM 2540 D	5	5		20	
2012/13-5	000NONPJ	lab duplicate	5/1/2013	Conventional	Total Suspended Solids	n/a	=	184	mg/L	SM 2540 D	5	5		20	
2012/13-5	Lab	method blank	4/29/2013	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2012/13-5	Lab	method blank	5/1/2013	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2012/13-5	Lab	method blank	5/28/2013	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2012/13-5	ME-CC	lab duplicate	5/28/2013	Conventional	Total Suspended Solids	n/a	=	8	mg/L	SM 2540 D	5	5	0	20	
2012/13-5	MO-OJA	lab duplicate	5/1/2013	Conventional	Total Suspended Solids	n/a	=	6	mg/L	SM 2540 D	5	5		20	
2012/13-5	000NONPJ	lab duplicate	4/24/2013	Conventional	Turbidity	n/a	=	3.07	NTU	EPA 180.1	0.024	0.1		10	
2012/13-5	000NONPJ	lab duplicate	4/24/2013	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1		10	
2012/13-5	Lab	LCS	4/24/2013	Conventional	Turbidity	n/a	=	11	NTU	EPA 180.1	0.024	0.1			
2012/13-5	Lab	LCS, rec	4/24/2013	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2012/13-5	Lab	method blank	4/24/2013	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2012/13-5	Lab	LCS	5/1/2013	Conventional	Turbidity	n/a	=	11	NTU	EPA 180.1	0.024	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2012/13-5	Lab	method blank	5/1/2013	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2012/13-5	Lab	LCS	5/24/2013	Conventional	Turbidity	n/a	=	11.2	NTU	EPA 180.1	0.024	0.1			
2012/13-5	Lab	LCS, rec	5/24/2013	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2012/13-5	Lab	method blank	5/24/2013	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2012/13-5	ME-CC	lab duplicate	5/24/2013	Conventional	Turbidity	n/a	=	3.05	NTU	EPA 180.1	0.024	0.1		10	
2012/13-5	MO-OJA	lab duplicate	5/1/2013	Conventional	Turbidity	n/a	=	0.84	NTU	EPA 180.1	0.024	0.1		10	
2012/13-5	000NONPJ	lab duplicate	4/29/2013	Conventional	Volatile Suspended Solids	n/a	=	660	mg/L	EPA 160.4	3.1	5		15	
2012/13-5	Lab	method blank	4/29/2013	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2012/13-5	Lab	method blank	5/1/2013	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2012/13-5	Lab	method blank	5/28/2013	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2012/13-5	ME-CC	lab duplicate	5/28/2013	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2012/13-5	MO-OJA	lab duplicate	5/1/2013	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2012/13-5	000NONPJ	matrix spike	4/25/2013	Hydrocarbon	Oil and Grease	n/a	=	20.2	mg/L	EPA 1664A	1.3	5			
2012/13-5	000NONPJ	matrix spike	4/25/2013	Hydrocarbon	Oil and Grease	n/a	=	18.3	mg/L	EPA 1664A	1.3	5			
2012/13-5	000NONPJ	matrix spike dup	4/25/2013	Hydrocarbon	Oil and Grease	n/a	=	18.9	mg/L	EPA 1664A	1.3	5			
2012/13-5	000NONPJ	matrix spike dup, rec	4/25/2013	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2012/13-5	000NONPJ	matrix spike, rec	4/25/2013	Hydrocarbon	Oil and Grease	n/a	=	87	%	EPA 1664A	-88	-88	78	114	
2012/13-5	000NONPJ	matrix spike, rec	4/25/2013	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2012/13-5	000NONPJ	matrix spike, RPD	4/25/2013	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664A	-88	-88	0	18	
2012/13-5	Lab	LCS	4/25/2013	Hydrocarbon	Oil and Grease	n/a	DNQ	4.9	mg/L	EPA 1664A	1.3	5			
2012/13-5	Lab	LCS	4/25/2013	Hydrocarbon	Oil and Grease	n/a	=	17.6	mg/L	EPA 1664A	1.3	5			
2012/13-5	Lab	LCS, rec	4/25/2013	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	
2012/13-5	Lab	LCS, rec	4/25/2013	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2012/13-5	Lab	method blank	4/25/2013	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-5	Lab	LCS	5/3/2013	Hydrocarbon	Oil and Grease	n/a	DNQ	4.3	mg/L	EPA 1664A	1.3	5			
2012/13-5	Lab	LCS	5/3/2013	Hydrocarbon	Oil and Grease	n/a	=	16.8	mg/L	EPA 1664A	1.3	5			
2012/13-5	Lab	LCS, rec	5/3/2013	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2012/13-5	Lab	LCS, rec	5/3/2013	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2012/13-5	Lab	method blank	5/3/2013	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-5	Lab	LCS	5/31/2013	Hydrocarbon	Oil and Grease	n/a	DNQ	4.3	mg/L	EPA 1664A	1.3	5			
2012/13-5	Lab	LCS	5/31/2013	Hydrocarbon	Oil and Grease	n/a	=	17.5	mg/L	EPA 1664A	1.3	5			
2012/13-5	Lab	LCS, rec	5/31/2013	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	
2012/13-5	Lab	LCS, rec	5/31/2013	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	method blank	5/31/2013	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-5	ME-CC	matrix spike	5/31/2013	Hydrocarbon	Oil and Grease	n/a	=	20.4	mg/L	EPA 1664A	1.3	5			
2012/13-5	ME-CC	matrix spike dup	5/31/2013	Hydrocarbon	Oil and Grease	n/a	=	20	mg/L	EPA 1664A	1.3	5			
2012/13-5	ME-CC	matrix spike dup, rec	5/31/2013	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2012/13-5	ME-CC	matrix spike, rec	5/31/2013	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2012/13-5	ME-CC	matrix spike, RPD	5/31/2013	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2012/13-5	MO-HUE	matrix spike	5/3/2013	Hydrocarbon	Oil and Grease	n/a	=	21.6	mg/L	EPA 1664A	1.3	5			
2012/13-5	MO-HUE	matrix spike dup	5/3/2013	Hydrocarbon	Oil and Grease	n/a	=	18.7	mg/L	EPA 1664A	1.3	5			
2012/13-5	MO-HUE	matrix spike dup, rec	5/3/2013	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2012/13-5	MO-HUE	matrix spike, rec	5/3/2013	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2012/13-5	MO-HUE	matrix spike, RPD	5/3/2013	Hydrocarbon	Oil and Grease	n/a	=	14	%	EPA 1664A	-88	-88	0	18	
2012/13-5	Lab	method blank	4/25/2013	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-5	Lab	method blank	5/3/2013	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-5	Lab	LCS	5/31/2013	Hydrocarbon	TPH	n/a	=	7.5	mg/L	EPA 1664A	1.9	5			
2012/13-5	Lab	LCS	5/31/2013	Hydrocarbon	TPH	n/a	DNQ	2.3	mg/L	EPA 1664A	1.9	5			
2012/13-5	Lab	LCS, rec	5/31/2013	Hydrocarbon	TPH	n/a	=	92	%	EPA 1664A	-88	-88			
2012/13-5	Lab	LCS, rec	5/31/2013	Hydrocarbon	TPH	n/a	=	75	%	EPA 1664A	-88	-88			
2012/13-5	Lab	method blank	5/31/2013	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-5	ME-CC	matrix spike	5/31/2013	Hydrocarbon	TPH	n/a	=	9	mg/L	EPA 1664A	1.9	5			
2012/13-5	ME-CC	matrix spike dup	5/31/2013	Hydrocarbon	TPH	n/a	=	8.4	mg/L	EPA 1664A	1.9	5			
2012/13-5	ME-CC	matrix spike dup, rec	5/31/2013	Hydrocarbon	TPH	n/a	=	72	%	EPA 1664A	-88	-88			
2012/13-5	ME-CC	matrix spike, rec	5/31/2013	Hydrocarbon	TPH	n/a	=	76	%	EPA 1664A	-88	-88			
2012/13-5	ME-CC	matrix spike, RPD	5/31/2013	Hydrocarbon	TPH	n/a	=	7	%	EPA 1664A	-88	-88	0		
2012/13-5	Lab	method blank	5/7/2013	Metal	Aluminum	Dissolved	<	2.1	µg/L	EPA 200.8	2.1	5			
2012/13-5	Lab	LCS	5/7/2013	Metal	Aluminum	Dissolved	=	52.8	µg/L	EPA 200.8	2.1	5			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Aluminum	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Aluminum	Dissolved	=	33.8	µg/L	EPA 200.8	2.1	5			IP
2012/13-5	Lab	LCS	5/14/2013	Metal	Aluminum	Dissolved	=	54.6	µg/L	EPA 200.8	2.1	5			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Aluminum	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Aluminum	Dissolved	<	2.1	µg/L	EPA 200.8	2.1	5			
2012/13-5	Lab	LCS	6/15/2013	Metal	Aluminum	Dissolved	=	204	µg/L	EPA 200.8	10	25			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Aluminum	Dissolved	=	290	µg/L	EPA 200.8	10	25			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Aluminum	Dissolved	=	115	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Aluminum	Dissolved	=	312	µg/L	EPA 200.8	10	25			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Aluminum	Dissolved	=	123	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Aluminum	Dissolved	=	7	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Aluminum	Dissolved	=	62.8	µg/L	EPA 200.8	2.1	5			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Aluminum	Dissolved	=	126	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Aluminum	Dissolved	=	64.4	µg/L	EPA 200.8	2.1	5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Aluminum	Dissolved	=	129	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Aluminum	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Aluminum	Total	<	2.1	µg/L	EPA 200.8	2.1	5			
2012/13-5	Lab	LCS	5/7/2013	Metal	Aluminum	Total	=	52.8	µg/L	EPA 200.8	2.1	5			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Aluminum	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Aluminum	Total	<	2.1	µg/L	EPA 200.8	2.1	5			
2012/13-5	Lab	LCS	5/14/2013	Metal	Aluminum	Total	=	54.6	µg/L	EPA 200.8	2.1	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Aluminum	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Aluminum	Total	<	2.1	µg/L	EPA 200.8	2.1	5			
2012/13-5	Lab	LCS	6/15/2013	Metal	Aluminum	Total	=	204	µg/L	EPA 200.8	10	25			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Aluminum	Total	=	290	µg/L	EPA 200.8	10	25			D,GB
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Aluminum	Total	=	63	%	EPA 200.8	-88	-88	70	130	D,GB
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Aluminum	Total	=	312	µg/L	EPA 200.8	10	25			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Aluminum	Total	=	71	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Aluminum	Total	=	7	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Aluminum	Total	=	178	µg/L	EPA 200.8	2.1	5			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Aluminum	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Aluminum	Total	=	174	µg/L	EPA 200.8	2.1	5			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Aluminum	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Aluminum	Total	=	62.8	µg/L	EPA 200.8	2.1	5			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Aluminum	Total	=	64.4	µg/L	EPA 200.8	2.1	5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Antimony	Dissolved	<	0.034	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	Lab	LCS	5/7/2013	Metal	Antimony	Dissolved	=	46.5	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Antimony	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Antimony	Dissolved	<	0.034	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	Lab	LCS	5/14/2013	Metal	Antimony	Dissolved	=	46.7	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Antimony	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Antimony	Dissolved	<	0.034	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	Lab	LCS	6/15/2013	Metal	Antimony	Dissolved	=	203	µg/L	EPA 200.8	0.17	2.5			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Antimony	Dissolved	=	230	µg/L	EPA 200.8	0.17	2.5			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Antimony	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Antimony	Dissolved	=	229	µg/L	EPA 200.8	0.17	2.5			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Antimony	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Antimony	Dissolved	=	0.1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Antimony	Dissolved	=	43.4	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Antimony	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Antimony	Dissolved	=	43.6	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Antimony	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Antimony	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Antimony	Total	<	0.034	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	Lab	LCS	5/7/2013	Metal	Antimony	Total	=	46.5	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Antimony	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Antimony	Total	<	0.034	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	Lab	LCS	5/14/2013	Metal	Antimony	Total	=	46.7	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Antimony	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Antimony	Total	<	0.034	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	Lab	LCS	6/15/2013	Metal	Antimony	Total	=	203	µg/L	EPA 200.8	0.17	2.5			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	D

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Antimony	Total	=	230	µg/L	EPA 200.8	0.17	2.5			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Antimony	Total	=	229	µg/L	EPA 200.8	0.17	2.5			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Antimony	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Antimony	Total	=	46.4	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Antimony	Total	=	45.8	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Antimony	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Antimony	Total	=	43.4	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Antimony	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Antimony	Total	=	43.6	µg/L	EPA 200.8	0.034	0.5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Antimony	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Antimony	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Arsenic	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	Lab	LCS	5/7/2013	Metal	Arsenic	Dissolved	=	46.8	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Arsenic	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Arsenic	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	Lab	LCS	5/14/2013	Metal	Arsenic	Dissolved	=	48.1	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Arsenic	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Arsenic	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	Lab	LCS	6/15/2013	Metal	Arsenic	Dissolved	=	202	µg/L	EPA 200.8	0.65	2			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Arsenic	Dissolved	=	242	µg/L	EPA 200.8	0.65	2			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Arsenic	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Arsenic	Dissolved	=	240	µg/L	EPA 200.8	0.65	2			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Arsenic	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Arsenic	Dissolved	=	0.6	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Arsenic	Dissolved	=	48.4	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Arsenic	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Arsenic	Dissolved	=	48.1	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Arsenic	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Arsenic	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Arsenic	Total	<	0.13	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	Lab	LCS	5/7/2013	Metal	Arsenic	Total	=	46.8	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Arsenic	Total	<	0.13	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	Lab	LCS	5/14/2013	Metal	Arsenic	Total	=	48.1	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Arsenic	Total	<	0.13	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	Lab	LCS	6/15/2013	Metal	Arsenic	Total	=	202	µg/L	EPA 200.8	0.65	2			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Arsenic	Total	=	242	µg/L	EPA 200.8	0.65	2			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Arsenic	Total	=	240	µg/L	EPA 200.8	0.65	2			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	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	
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Arsenic	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Arsenic	Total	=	51.8	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Arsenic	Total	=	52.2	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Arsenic	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Arsenic	Total	=	48.4	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Arsenic	Total	=	48.1	µg/L	EPA 200.8	0.13	0.4			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Barium	Total	<	0.097	µg/L	EPA 200.8	0.097	0.5			
2012/13-5	Lab	LCS	5/7/2013	Metal	Barium	Total	=	50.6	µg/L	EPA 200.8	0.097	0.5			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Barium	Total	<	0.097	µg/L	EPA 200.8	0.097	0.5			
2012/13-5	Lab	LCS	5/14/2013	Metal	Barium	Total	=	50.5	µg/L	EPA 200.8	0.097	0.5			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Barium	Total	<	0.097	µg/L	EPA 200.8	0.097	0.5			
2012/13-5	Lab	LCS	6/15/2013	Metal	Barium	Total	=	200	µg/L	EPA 200.8	0.48	2.5			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Barium	Total	=	276	µg/L	EPA 200.8	0.48	2.5			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Barium	Total	=	277	µg/L	EPA 200.8	0.48	2.5			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Barium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Barium	Total	=	77.8	µg/L	EPA 200.8	0.097	0.5			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Barium	Total	=	76.6	µg/L	EPA 200.8	0.097	0.5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Beryllium	Dissolved	<	0.015	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	Lab	LCS	5/7/2013	Metal	Beryllium	Dissolved	=	48.2	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Beryllium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Beryllium	Dissolved	<	0.015	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	Lab	LCS	5/14/2013	Metal	Beryllium	Dissolved	=	47.4	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Beryllium	Dissolved	<	0.015	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	Lab	LCS	6/15/2013	Metal	Beryllium	Dissolved	=	191	µg/L	EPA 200.8	0.075	0.5			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Beryllium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Beryllium	Dissolved	=	218	µg/L	EPA 200.8	0.075	0.5			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Beryllium	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Beryllium	Dissolved	=	221	µg/L	EPA 200.8	0.075	0.5			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Beryllium	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Beryllium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Beryllium	Dissolved	=	49.4	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Beryllium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Beryllium	Dissolved	=	48.9	µg/L	EPA 200.8	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	
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Beryllium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Beryllium	Dissolved	=	47.5	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Beryllium	Dissolved	=	46	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Beryllium	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Beryllium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Beryllium	Total	<	0.015	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	Lab	LCS	5/7/2013	Metal	Beryllium	Total	=	48.2	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Beryllium	Total	<	0.015	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	Lab	LCS	5/14/2013	Metal	Beryllium	Total	=	47.4	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Beryllium	Total	<	0.015	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	Lab	LCS	6/15/2013	Metal	Beryllium	Total	=	191	µg/L	EPA 200.8	0.075	0.5			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Beryllium	Total	=	218	µg/L	EPA 200.8	0.075	0.5			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Beryllium	Total	=	87	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Beryllium	Total	=	221	µg/L	EPA 200.8	0.075	0.5			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Beryllium	Total	=	88	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Beryllium	Total	=	49.4	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Beryllium	Total	=	48.9	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Beryllium	Total	=	47.5	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Beryllium	Total	=	46	µg/L	EPA 200.8	0.015	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Beryllium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Cadmium	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	Lab	LCS	5/7/2013	Metal	Cadmium	Dissolved	=	48	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Cadmium	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	Lab	LCS	5/14/2013	Metal	Cadmium	Dissolved	=	49.2	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Cadmium	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	Lab	LCS	6/15/2013	Metal	Cadmium	Dissolved	=	196	µg/L	EPA 200.8	0.085	0.5			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Cadmium	Dissolved	=	222	µg/L	EPA 200.8	0.085	0.5			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Cadmium	Dissolved	=	89	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Cadmium	Dissolved	=	219	µg/L	EPA 200.8	0.085	0.5			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Cadmium	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Cadmium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Cadmium	Dissolved	=	42.7	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Cadmium	Dissolved	=	85	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Cadmium	Dissolved	=	43.5	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Cadmium	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Cadmium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Cadmium	Total	<	0.017	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	Lab	LCS	5/7/2013	Metal	Cadmium	Total	=	48	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Cadmium	Total	<	0.017	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	Lab	LCS	5/14/2013	Metal	Cadmium	Total	=	49.2	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Cadmium	Total	<	0.017	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	Lab	LCS	6/15/2013	Metal	Cadmium	Total	=	196	µg/L	EPA 200.8	0.085	0.5			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Cadmium	Total	=	222	µg/L	EPA 200.8	0.085	0.5			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Cadmium	Total	=	89	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Cadmium	Total	=	219	µg/L	EPA 200.8	0.085	0.5			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Cadmium	Total	=	88	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Cadmium	Total	=	44.3	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Cadmium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Cadmium	Total	=	44.2	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Cadmium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Cadmium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Cadmium	Total	=	42.7	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Cadmium	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Cadmium	Total	=	43.5	µg/L	EPA 200.8	0.017	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Cadmium	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Chromium	Dissolved	<	0.024	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS	5/7/2013	Metal	Chromium	Dissolved	=	49.6	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Chromium	Dissolved	DNQ	0.07	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS	5/14/2013	Metal	Chromium	Dissolved	=	48.9	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Chromium	Dissolved	DNQ	0.07	µg/L	EPA 200.8	0.024	0.2			IP
2012/13-5	Lab	LCS	6/15/2013	Metal	Chromium	Dissolved	=	198	µg/L	EPA 200.8	0.12	1			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Chromium	Dissolved	=	227	µg/L	EPA 200.8	0.12	1			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Chromium	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Chromium	Dissolved	=	224	µg/L	EPA 200.8	0.12	1			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Chromium	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Chromium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Chromium	Dissolved	=	45.6	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Chromium	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Chromium	Dissolved	=	46	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Chromium	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Chromium	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Chromium	Total	<	0.024	µg/L	EPA 200.8	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	
2012/13-5	Lab	LCS	5/7/2013	Metal	Chromium	Total	=	49.6	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Chromium	Total	<	0.024	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS	5/14/2013	Metal	Chromium	Total	=	48.9	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Chromium	Total	<	0.024	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS	6/15/2013	Metal	Chromium	Total	=	198	µg/L	EPA 200.8	0.12	1			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Chromium	Total	=	227	µg/L	EPA 200.8	0.12	1			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Chromium	Total	=	91	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Chromium	Total	=	224	µg/L	EPA 200.8	0.12	1			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Chromium	Total	=	90	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Chromium	Total	=	47.2	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Chromium	Total	=	46.8	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Chromium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Chromium	Total	=	45.6	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Chromium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Chromium	Total	=	46	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Chromium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	5/3/2013	Metal	Chromium VI	n/a	=	6.52	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	000NONPJ	matrix spike dup	5/3/2013	Metal	Chromium VI	n/a	=	6.65	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	000NONPJ	matrix spike dup, rec	5/3/2013	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2012/13-5	000NONPJ	matrix spike, rec	5/3/2013	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2012/13-5	000NONPJ	matrix spike, RPD	5/3/2013	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2012/13-5	000NONPJ	matrix spike	5/29/2013	Metal	Chromium VI	n/a	=	6.05	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	000NONPJ	matrix spike dup	5/29/2013	Metal	Chromium VI	n/a	=	5.2	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	000NONPJ	matrix spike dup, rec	5/29/2013	Metal	Chromium VI	n/a	=	90	%	EPA 218.6	-88	-88	88	112	
2012/13-5	000NONPJ	matrix spike, rec	5/29/2013	Metal	Chromium VI	n/a	=	107	%	EPA 218.6	-88	-88	88	112	
2012/13-5	000NONPJ	matrix spike, RPD	5/29/2013	Metal	Chromium VI	n/a	=	15	%	EPA 218.6	-88	-88	0	10	IL
2012/13-5	Lab	LCS	4/25/2013	Metal	Chromium VI	n/a	=	5.43	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	Lab	LCS, rec	4/25/2013	Metal	Chromium VI	n/a	=	109	%	EPA 218.6	-88	-88	90	110	
2012/13-5	Lab	method blank	4/25/2013	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	Lab	LCS	5/3/2013	Metal	Chromium VI	n/a	=	5.15	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	Lab	LCS, rec	5/3/2013	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	90	110	
2012/13-5	Lab	method blank	5/3/2013	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	Lab	LCS	5/29/2013	Metal	Chromium VI	n/a	=	4.88	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	Lab	LCS, rec	5/29/2013	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	90	110	
2012/13-5	Lab	method blank	5/29/2013	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	ME-CC	matrix spike	5/29/2013	Metal	Chromium VI	n/a	=	5.87	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	ME-CC	matrix spike dup	5/29/2013	Metal	Chromium VI	n/a	=	5.39	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	ME-CC	matrix spike dup, rec	5/29/2013	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2012/13-5	ME-CC	matrix spike, rec	5/29/2013	Metal	Chromium VI	n/a	=	112	%	EPA 218.6	-88	-88	88	112	
2012/13-5	ME-CC	matrix spike, RPD	5/29/2013	Metal	Chromium VI	n/a	=	9	%	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	
2012/13-5	ME-SCR	matrix spike	4/25/2013	Metal	Chromium VI	n/a	=	4.94	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	ME-SCR	matrix spike dup	4/25/2013	Metal	Chromium VI	n/a	=	4.93	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	ME-SCR	matrix spike dup, rec	4/25/2013	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2012/13-5	ME-SCR	matrix spike, rec	4/25/2013	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2012/13-5	ME-SCR	matrix spike, RPD	4/25/2013	Metal	Chromium VI	n/a	=	0.2	%	EPA 218.6	-88	-88	0	10	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Metal	Chromium VI	n/a	=	5.57	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Metal	Chromium VI	n/a	=	5.5	µg/L	EPA 218.6	0.0059	0.3			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Metal	Chromium VI	n/a	=	108	%	EPA 218.6	-88	-88	88	112	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2012/13-5	Lab	method blank	5/7/2013	Metal	Copper	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	Lab	LCS	5/7/2013	Metal	Copper	Dissolved	=	51.7	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Copper	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	Lab	LCS	5/14/2013	Metal	Copper	Dissolved	=	51.1	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Copper	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.036	0.5			IP
2012/13-5	Lab	LCS	6/15/2013	Metal	Copper	Dissolved	=	196	µg/L	EPA 200.8	0.18	2.5			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Copper	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Copper	Dissolved	=	216	µg/L	EPA 200.8	0.18	2.5			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Copper	Dissolved	=	85	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Copper	Dissolved	=	212	µg/L	EPA 200.8	0.18	2.5			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Copper	Dissolved	=	84	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Copper	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Copper	Dissolved	=	42.3	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Copper	Dissolved	=	82	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Copper	Dissolved	=	42.7	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Copper	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Copper	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Copper	Total	<	0.036	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	Lab	LCS	5/7/2013	Metal	Copper	Total	=	51.7	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Copper	Total	DNQ	0.49	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	Lab	LCS	5/14/2013	Metal	Copper	Total	=	51.1	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Copper	Total	DNQ	0.08	µg/L	EPA 200.8	0.036	0.5			IP
2012/13-5	Lab	LCS	6/15/2013	Metal	Copper	Total	=	196	µg/L	EPA 200.8	0.18	2.5			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Copper	Total	=	216	µg/L	EPA 200.8	0.18	2.5			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Copper	Total	=	85	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Copper	Total	=	212	µg/L	EPA 200.8	0.18	2.5			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Copper	Total	=	84	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Copper	Total	=	45.2	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Copper	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Copper	Total	=	44.5	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Copper	Total	=	83	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Copper	Total	=	42.3	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Copper	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Copper	Total	=	42.7	µg/L	EPA 200.8	0.036	0.5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Copper	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS	5/6/2013	Metal	Iron	Dissolved	=	185	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS, rec	5/6/2013	Metal	Iron	Dissolved	=	92	%	EPA 200.7	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS	5/14/2013	Metal	Iron	Dissolved	=	176	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Iron	Dissolved	=	88	%	EPA 200.7	-88	-88	85	115	
2012/13-5	Lab	method blank	6/19/2013	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS	6/19/2013	Metal	Iron	Dissolved	=	186	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS, rec	6/19/2013	Metal	Iron	Dissolved	=	93	%	EPA 200.7	-88	-88	85	115	
2012/13-5	000NONPJ	matrix spike	5/14/2013	Metal	Iron	Total	=	15000	µg/L	EPA 200.7	1.1	10			GB
2012/13-5	000NONPJ	matrix spike, rec	5/14/2013	Metal	Iron	Total	=	-185	%	EPA 200.7	-88	-88	70	130	GB
2012/13-5	000NONPJ	matrix spike dup	5/14/2013	Metal	Iron	Total	=	15200	µg/L	EPA 200.7	1.1	10			GB
2012/13-5	000NONPJ	matrix spike dup, rec	5/14/2013	Metal	Iron	Total	=	-83	%	EPA 200.7	-88	-88	70	130	GB
2012/13-5	000NONPJ	matrix spike, RPD	5/14/2013	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS	5/6/2013	Metal	Iron	Total	=	185	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS, rec	5/6/2013	Metal	Iron	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS	5/14/2013	Metal	Iron	Total	=	176	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Iron	Total	=	88	%	EPA 200.7	-88	-88	85	115	
2012/13-5	Lab	method blank	6/19/2013	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS	6/19/2013	Metal	Iron	Total	=	186	µg/L	EPA 200.7	1.1	10			
2012/13-5	Lab	LCS, rec	6/19/2013	Metal	Iron	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2012/13-5	ME-CC	matrix spike	6/19/2013	Metal	Iron	Total	=	359	µg/L	EPA 200.7	1.1	10			
2012/13-5	ME-CC	matrix spike, rec	6/19/2013	Metal	Iron	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/19/2013	Metal	Iron	Total	=	372	µg/L	EPA 200.7	1.1	10			
2012/13-5	ME-CC	matrix spike dup, rec	6/19/2013	Metal	Iron	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/19/2013	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2012/13-5	ME-SCR	matrix spike	5/6/2013	Metal	Iron	Total	=	277	µg/L	EPA 200.7	1.1	10			
2012/13-5	ME-SCR	matrix spike, rec	5/6/2013	Metal	Iron	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-SCR	matrix spike dup	5/6/2013	Metal	Iron	Total	=	318	µg/L	EPA 200.7	1.1	10			
2012/13-5	ME-SCR	matrix spike dup, rec	5/6/2013	Metal	Iron	Total	=	114	%	EPA 200.7	-88	-88	70	130	
2012/13-5	ME-SCR	matrix spike, RPD	5/6/2013	Metal	Iron	Total	=	14	%	EPA 200.7	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Iron	Total	=	185	µg/L	EPA 200.7	1.1	10			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Iron	Total	=	89	%	EPA 200.7	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Iron	Total	=	188	µg/L	EPA 200.7	1.1	10			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Iron	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Lead	Dissolved	<	0.024	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS	5/7/2013	Metal	Lead	Dissolved	=	51	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	method blank	5/14/2013	Metal	Lead	Dissolved	<	0.024	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS	5/14/2013	Metal	Lead	Dissolved	=	48.6	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Lead	Dissolved	<	0.024	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS	6/15/2013	Metal	Lead	Dissolved	=	192	µg/L	EPA 200.8	0.12	1			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Lead	Dissolved	=	228	µg/L	EPA 200.8	0.12	1			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Lead	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Lead	Dissolved	=	227	µg/L	EPA 200.8	0.12	1			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Lead	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Lead	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Lead	Dissolved	=	45	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Lead	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Lead	Dissolved	=	45.8	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Lead	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Lead	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Lead	Total	<	0.024	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS	5/7/2013	Metal	Lead	Total	=	51	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Lead	Total	<	0.024	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS	5/14/2013	Metal	Lead	Total	=	48.6	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Lead	Total	<	0.024	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	Lab	LCS	6/15/2013	Metal	Lead	Total	=	192	µg/L	EPA 200.8	0.12	1			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Lead	Total	=	228	µg/L	EPA 200.8	0.12	1			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Lead	Total	=	227	µg/L	EPA 200.8	0.12	1			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Lead	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Lead	Total	=	45.5	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Lead	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Lead	Total	=	45.2	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Lead	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Lead	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Lead	Total	=	45	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Lead	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Lead	Total	=	45.8	µg/L	EPA 200.8	0.024	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	LCS	5/1/2013	Metal	Mercury	Dissolved	=	931	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	LCS, rec	5/1/2013	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	85	115	
2012/13-5	Lab	method blank	5/1/2013	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	method blank	5/1/2013	Metal	Mercury	Dissolved	DNQ	17	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	LCS	5/8/2013	Metal	Mercury	Dissolved	=	964	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	LCS, rec	5/8/2013	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	85	115	
2012/13-5	Lab	method blank	5/8/2013	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS	6/6/2013	Metal	Mercury	Dissolved	=	974	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	LCS, rec	6/6/2013	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	85	115	
2012/13-5	Lab	method blank	6/6/2013	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			
2012/13-5	ME-SCR	matrix spike	5/1/2013	Metal	Mercury	Dissolved	=	912	ng/L	EPA 245.1	3.9	50			
2012/13-5	ME-SCR	matrix spike dup	5/1/2013	Metal	Mercury	Dissolved	=	1080	ng/L	EPA 245.1	3.9	50			
2012/13-5	ME-SCR	matrix spike dup, rec	5/1/2013	Metal	Mercury	Dissolved	=	107	%	EPA 245.1	-88	-88	70	130	
2012/13-5	ME-SCR	matrix spike, rec	5/1/2013	Metal	Mercury	Dissolved	=	90	%	EPA 245.1	-88	-88	70	130	
2012/13-5	ME-SCR	matrix spike, RPD	5/1/2013	Metal	Mercury	Dissolved	=	17	%	EPA 245.1	-88	-88	0	20	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Metal	Mercury	Dissolved	=	991	ng/L	EPA 245.1	3.9	50			
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Metal	Mercury	Dissolved	=	999	ng/L	EPA 245.1	3.9	50			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Metal	Mercury	Dissolved	=	0.8	%	EPA 245.1	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Metal	Mercury	Total	=	770	ng/L	EPA 245.1	3.9	50			
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Metal	Mercury	Total	=	724	ng/L	EPA 245.1	3.9	50			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Metal	Mercury	Total	=	72	%	EPA 245.1	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Metal	Mercury	Total	=	77	%	EPA 245.1	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Metal	Mercury	Total	=	6	%	EPA 245.1	-88	-88	0	20	
2012/13-5	Lab	LCS	5/1/2013	Metal	Mercury	Total	=	931	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	LCS, rec	5/1/2013	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	85	115	
2012/13-5	Lab	method blank	5/1/2013	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	method blank	5/1/2013	Metal	Mercury	Total	DNQ	14	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	LCS	5/8/2013	Metal	Mercury	Total	=	964	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	LCS, rec	5/8/2013	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	85	115	
2012/13-5	Lab	method blank	5/8/2013	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	LCS	6/6/2013	Metal	Mercury	Total	=	974	ng/L	EPA 245.1	3.9	50			
2012/13-5	Lab	LCS, rec	6/6/2013	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	85	115	
2012/13-5	Lab	method blank	6/6/2013	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			
2012/13-5	ME-CC	matrix spike	6/6/2013	Metal	Mercury	Total	=	749	ng/L	EPA 245.1	3.9	50			
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Metal	Mercury	Total	=	761	ng/L	EPA 245.1	3.9	50			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Metal	Mercury	Total	=	76	%	EPA 245.1	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Metal	Mercury	Total	=	75	%	EPA 245.1	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2012/13-5	ME-SCR	matrix spike	5/1/2013	Metal	Mercury	Total	=	912	ng/L	EPA 245.1	3.9	50			
2012/13-5	ME-SCR	matrix spike dup	5/1/2013	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	3.9	50			
2012/13-5	ME-SCR	matrix spike dup, rec	5/1/2013	Metal	Mercury	Total	=	107	%	EPA 245.1	-88	-88	70	130	
2012/13-5	ME-SCR	matrix spike, rec	5/1/2013	Metal	Mercury	Total	=	90	%	EPA 245.1	-88	-88	70	130	
2012/13-5	ME-SCR	matrix spike, RPD	5/1/2013	Metal	Mercury	Total	=	17	%	EPA 245.1	-88	-88	0	20	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Metal	Mercury	Total	=	991	ng/L	EPA 245.1	3.9	50			
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Metal	Mercury	Total	=	999	ng/L	EPA 245.1	3.9	50			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Metal	Mercury	Total	=	0.8	%	EPA 245.1	-88	-88	0	20	
2012/13-5	Lab	method blank	5/7/2013	Metal	Nickel	Dissolved	<	0.091	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	Lab	LCS	5/7/2013	Metal	Nickel	Dissolved	=	50.8	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Nickel	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Nickel	Dissolved	<	0.091	µg/L	EPA 200.8	0.091	0.8			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS	5/14/2013	Metal	Nickel	Dissolved	=	49.9	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Nickel	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.091	0.8			IP
2012/13-5	Lab	LCS	6/15/2013	Metal	Nickel	Dissolved	=	198	µg/L	EPA 200.8	0.46	4			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Nickel	Dissolved	=	224	µg/L	EPA 200.8	0.46	4			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Nickel	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Nickel	Dissolved	=	221	µg/L	EPA 200.8	0.46	4			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Nickel	Dissolved	=	86	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Nickel	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Nickel	Dissolved	=	42.1	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Nickel	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Nickel	Dissolved	=	42.4	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Nickel	Dissolved	=	84	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Nickel	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Nickel	Total	<	0.091	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	Lab	LCS	5/7/2013	Metal	Nickel	Total	=	50.8	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Nickel	Total	<	0.091	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	Lab	LCS	5/14/2013	Metal	Nickel	Total	=	49.9	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Nickel	Total	<	0.091	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	Lab	LCS	6/15/2013	Metal	Nickel	Total	=	198	µg/L	EPA 200.8	0.46	4			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Nickel	Total	=	224	µg/L	EPA 200.8	0.46	4			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Nickel	Total	=	87	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Nickel	Total	=	221	µg/L	EPA 200.8	0.46	4			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Nickel	Total	=	86	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Nickel	Total	=	43.8	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Nickel	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Nickel	Total	=	43.8	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Nickel	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Nickel	Total	=	0.07	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Nickel	Total	=	42.1	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Nickel	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Nickel	Total	=	42.4	µg/L	EPA 200.8	0.091	0.8			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Nickel	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Nickel	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Selenium	Dissolved	<	0.081	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	Lab	LCS	5/7/2013	Metal	Selenium	Dissolved	=	51.1	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/15/2013	Metal	Selenium	Dissolved	<	0.081	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	Lab	LCS	5/15/2013	Metal	Selenium	Dissolved	=	51.5	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	Lab	LCS, rec	5/15/2013	Metal	Selenium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Selenium	Dissolved	<	0.081	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	Lab	LCS	6/15/2013	Metal	Selenium	Dissolved	=	200	µg/L	EPA 200.8	0.4	2			D

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Selenium	Dissolved	=	228	µg/L	EPA 200.8	0.4	2			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Selenium	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Selenium	Dissolved	=	226	µg/L	EPA 200.8	0.4	2			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Selenium	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Selenium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Selenium	Dissolved	=	60.6	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Selenium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Selenium	Dissolved	=	60.2	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Selenium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Selenium	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Metal	Selenium	Dissolved	=	43.7	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Metal	Selenium	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Metal	Selenium	Dissolved	=	43.2	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Metal	Selenium	Dissolved	=	82	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Metal	Selenium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Selenium	Total	<	0.081	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	Lab	LCS	5/7/2013	Metal	Selenium	Total	=	51.1	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/15/2013	Metal	Selenium	Total	<	0.081	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	Lab	LCS	5/15/2013	Metal	Selenium	Total	=	51.5	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	Lab	LCS, rec	5/15/2013	Metal	Selenium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Selenium	Total	<	0.081	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	Lab	LCS	6/15/2013	Metal	Selenium	Total	=	200	µg/L	EPA 200.8	0.4	2			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Selenium	Total	=	228	µg/L	EPA 200.8	0.4	2			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Selenium	Total	=	226	µg/L	EPA 200.8	0.4	2			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Selenium	Total	=	90	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Selenium	Total	=	60.6	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Selenium	Total	=	60.2	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Selenium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Selenium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Metal	Selenium	Total	=	43.7	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Metal	Selenium	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Metal	Selenium	Total	=	43.2	µg/L	EPA 200.8	0.081	0.4			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Metal	Selenium	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Silver	Dissolved	<	0.012	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	Lab	LCS	5/7/2013	Metal	Silver	Dissolved	=	48.7	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Silver	Dissolved	<	0.012	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	Lab	LCS	5/14/2013	Metal	Silver	Dissolved	=	46.6	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Silver	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Silver	Dissolved	<	0.012	µg/L	EPA 200.8	0.012	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS	6/15/2013	Metal	Silver	Dissolved	=	88.9	µg/L	EPA 200.8	0.06	1			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Silver	Dissolved	=	89	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Silver	Dissolved	=	104	µg/L	EPA 200.8	0.06	1			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Silver	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Silver	Dissolved	=	103	µg/L	EPA 200.8	0.06	1			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Silver	Dissolved	=	82	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Silver	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Silver	Dissolved	=	40.6	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Silver	Dissolved	=	81	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Silver	Dissolved	=	41.2	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Silver	Dissolved	=	82	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Silver	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Silver	Total	<	0.012	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	Lab	LCS	5/7/2013	Metal	Silver	Total	=	48.7	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Silver	Total	<	0.012	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	Lab	LCS	5/14/2013	Metal	Silver	Total	=	46.6	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Silver	Total	DNQ	0.02	µg/L	EPA 200.8	0.012	0.2			IP
2012/13-5	Lab	LCS	6/15/2013	Metal	Silver	Total	=	88.9	µg/L	EPA 200.8	0.06	1			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Silver	Total	=	89	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Silver	Total	=	104	µg/L	EPA 200.8	0.06	1			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Silver	Total	=	83	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Silver	Total	=	103	µg/L	EPA 200.8	0.06	1			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Silver	Total	=	82	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Silver	Total	=	42.3	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Silver	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Silver	Total	=	42	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Silver	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Silver	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Silver	Total	=	40.6	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Silver	Total	=	81	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Silver	Total	=	41.2	µg/L	EPA 200.8	0.012	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Silver	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Thallium	Dissolved	<	0.034	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	Lab	LCS	5/7/2013	Metal	Thallium	Dissolved	=	51.8	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Thallium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Thallium	Dissolved	<	0.034	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	Lab	LCS	5/14/2013	Metal	Thallium	Dissolved	=	49.6	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Thallium	Dissolved	<	0.034	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	Lab	LCS	6/15/2013	Metal	Thallium	Dissolved	=	186	µg/L	EPA 200.8	0.17	1			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Thallium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Thallium	Dissolved	=	220	µg/L	EPA 200.8	0.17	1			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Thallium	Dissolved	=	88	%	EPA 200.8	-88	-88	70	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	
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Thallium	Dissolved	=	218	µg/L	EPA 200.8	0.17	1			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Thallium	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Thallium	Dissolved	=	0.6	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Thallium	Dissolved	=	46.7	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Thallium	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Thallium	Dissolved	=	47.5	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Thallium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Thallium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Thallium	Total	<	0.034	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	Lab	LCS	5/7/2013	Metal	Thallium	Total	=	51.8	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Thallium	Total	<	0.034	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	Lab	LCS	5/14/2013	Metal	Thallium	Total	=	49.6	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Thallium	Total	<	0.034	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	Lab	LCS	6/15/2013	Metal	Thallium	Total	=	186	µg/L	EPA 200.8	0.17	1			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Thallium	Total	=	93	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Thallium	Total	=	220	µg/L	EPA 200.8	0.17	1			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Thallium	Total	=	88	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Thallium	Total	=	218	µg/L	EPA 200.8	0.17	1			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Thallium	Total	=	87	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Thallium	Total	=	46.9	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Thallium	Total	=	47	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Thallium	Total	=	46.7	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Thallium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Thallium	Total	=	47.5	µg/L	EPA 200.8	0.034	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Zinc	Dissolved	DNQ	1.44	µg/L	EPA 200.8	0.5	5			
2012/13-5	Lab	LCS	5/7/2013	Metal	Zinc	Dissolved	=	48.4	µg/L	EPA 200.8	0.5	5			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Zinc	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Zinc	Dissolved	<	0.5	µg/L	EPA 200.8	0.5	5			
2012/13-5	Lab	LCS	5/14/2013	Metal	Zinc	Dissolved	=	52.8	µg/L	EPA 200.8	0.5	5			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Zinc	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Zinc	Dissolved	DNQ	2.23	µg/L	EPA 200.8	0.5	5			IP
2012/13-5	Lab	LCS	6/15/2013	Metal	Zinc	Dissolved	=	202	µg/L	EPA 200.8	2.5	25			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Zinc	Dissolved	=	238	µg/L	EPA 200.8	2.5	25			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Zinc	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Zinc	Dissolved	=	236	µg/L	EPA 200.8	2.5	25			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Zinc	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Zinc	Dissolved	=	48.6	µg/L	EPA 200.8	0.5	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Zinc	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Zinc	Dissolved	=	47.6	µg/L	EPA 200.8	0.5	5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Zinc	Dissolved	=	81	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Zinc	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/7/2013	Metal	Zinc	Total	<	0.5	µg/L	EPA 200.8	0.5	5			
2012/13-5	Lab	LCS	5/7/2013	Metal	Zinc	Total	=	48.4	µg/L	EPA 200.8	0.5	5			
2012/13-5	Lab	LCS, rec	5/7/2013	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	5/14/2013	Metal	Zinc	Total	DNQ	1.53	µg/L	EPA 200.8	0.5	5			
2012/13-5	Lab	LCS	5/14/2013	Metal	Zinc	Total	=	52.8	µg/L	EPA 200.8	0.5	5			
2012/13-5	Lab	LCS, rec	5/14/2013	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-5	Lab	method blank	6/15/2013	Metal	Zinc	Total	<	0.5	µg/L	EPA 200.8	0.5	5			
2012/13-5	Lab	LCS	6/15/2013	Metal	Zinc	Total	=	202	µg/L	EPA 200.8	2.5	25			D
2012/13-5	Lab	LCS, rec	6/15/2013	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	85	115	D
2012/13-5	ME-CC	matrix spike	6/15/2013	Metal	Zinc	Total	=	238	µg/L	EPA 200.8	2.5	25			D
2012/13-5	ME-CC	matrix spike, rec	6/15/2013	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike dup	6/15/2013	Metal	Zinc	Total	=	236	µg/L	EPA 200.8	2.5	25			D
2012/13-5	ME-CC	matrix spike dup, rec	6/15/2013	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	D
2012/13-5	ME-CC	matrix spike, RPD	6/15/2013	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	D
2012/13-5	MO-FIL	matrix spike	5/7/2013	Metal	Zinc	Total	=	51.1	µg/L	EPA 200.8	0.5	5			
2012/13-5	MO-FIL	matrix spike, rec	5/7/2013	Metal	Zinc	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike dup	5/7/2013	Metal	Zinc	Total	=	51.7	µg/L	EPA 200.8	0.5	5			
2012/13-5	MO-FIL	matrix spike dup, rec	5/7/2013	Metal	Zinc	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-FIL	matrix spike, RPD	5/7/2013	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Metal	Zinc	Total	=	48.6	µg/L	EPA 200.8	0.5	5			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Metal	Zinc	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Metal	Zinc	Total	=	47.6	µg/L	EPA 200.8	0.5	5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Metal	Zinc	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-5	Lab	method blank	5/9/2013	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2012/13-5	Lab	LCS	5/9/2013	Nutrient	Ammonia as N	n/a	=	1.03	mg/L	EPA 350.1	0.048	0.1			
2012/13-5	Lab	LCS, rec	5/9/2013	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2012/13-5	Lab	LCS	6/10/2013	Nutrient	Ammonia as N	n/a	=	0.258	mg/L	EPA 350.1	0.048	0.1			
2012/13-5	Lab	LCS, rec	6/10/2013	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2012/13-5	Lab	method blank	6/10/2013	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2012/13-5	ME-CC	matrix spike	6/10/2013	Nutrient	Ammonia as N	n/a	=	0.32	mg/L	EPA 350.1	0.048	0.1			
2012/13-5	ME-CC	matrix spike dup	6/10/2013	Nutrient	Ammonia as N	n/a	=	0.321	mg/L	EPA 350.1	0.048	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/10/2013	Nutrient	Ammonia as N	n/a	=	91	%	EPA 350.1	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike, rec	6/10/2013	Nutrient	Ammonia as N	n/a	=	91	%	EPA 350.1	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike, RPD	6/10/2013	Nutrient	Ammonia as N	n/a	=	0.5	%	EPA 350.1	-88	-88	0	15	
2012/13-5	ME-SCR	matrix spike	5/9/2013	Nutrient	Ammonia as N	n/a	=	1.06	mg/L	EPA 350.1	0.048	0.1			
2012/13-5	ME-SCR	matrix spike, rec	5/9/2013	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2012/13-5	ME-SCR	matrix spike dup	5/9/2013	Nutrient	Ammonia as N	n/a	=	1.06	mg/L	EPA 350.1	0.048	0.1			
2012/13-5	ME-SCR	matrix spike dup, rec	5/9/2013	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2012/13-5	ME-SCR	matrix spike, RPD	5/9/2013	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	
2012/13-5	MO-OJA	matrix spike	5/9/2013	Nutrient	Ammonia as N	n/a	=	1.09	mg/L	EPA 350.1	0.048	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/9/2013	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike dup	5/9/2013	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike dup, rec	5/9/2013	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike, RPD	5/9/2013	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2012/13-5	000NONPJ	matrix spike	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2.02	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	000NONPJ	matrix spike, rec	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2.06	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	000NONPJ	matrix spike dup, rec	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2.04	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	000NONPJ	matrix spike, rec	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	1.96	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	000NONPJ	matrix spike dup, rec	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	4	%	EPA 353.2	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2.02	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	000NONPJ	matrix spike, rec	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	1.99	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	000NONPJ	matrix spike dup, rec	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	15.6	mg/L	EPA 353.2	-88	-88	0.02	0.2	D
2012/13-5	000NONPJ	matrix spike, rec	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	D
2012/13-5	000NONPJ	matrix spike dup	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	15.5	mg/L	EPA 353.2	-88	-88	0.02	0.2	D
2012/13-5	000NONPJ	matrix spike dup, rec	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	D
2012/13-5	000NONPJ	matrix spike, RPD	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	D
2012/13-5	000NONPJ	matrix spike	5/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	6.52	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	000NONPJ	matrix spike, rec	5/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	5/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	6.5	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	000NONPJ	matrix spike dup, rec	5/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	5/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2012/13-5	Lab	LCS	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	0.976	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	Lab	LCS, rec	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2012/13-5	Lab	method blank	4/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.016	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	Lab	method blank	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.034	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	Lab	LCS	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	0.979	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	Lab	LCS, rec	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2012/13-5	Lab	method blank	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.039	mg/L	EPA 353.2	-88	-88	0.01	0.1	IP
2012/13-5	Lab	LCS	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	1.01	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	Lab	LCS, rec	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2012/13-5	Lab	method blank	5/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.02	mg/L	EPA 353.2	-88	-88	0.01	0.1	IP
2012/13-5	Lab	LCS	5/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	0.989	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	Lab	LCS, rec	5/24/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	10.5	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	ME-CC	matrix spike, rec	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike dup	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	10.7	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	ME-CC	matrix spike dup, rec	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike, RPD	5/23/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2012/13-5	MO-OJA	matrix spike	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2.34	mg/L	EPA 353.2	-88	-88	0.01	0.1	
2012/13-5	MO-OJA	matrix spike, rec	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike dup	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2.26	mg/L	EPA 353.2	-88	-88	0.01	0.1	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike dup, rec	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike, RPD	5/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	4	%	EPA 353.2	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	5/23/2013	Nutrient	Nitrate as N	n/a	=	15.6	mg/L	EPA 353.2	0.082	0.2			D
2012/13-5	000NONPJ	matrix spike, rec	5/23/2013	Nutrient	Nitrate as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	D
2012/13-5	000NONPJ	matrix spike dup	5/23/2013	Nutrient	Nitrate as N	n/a	=	15.5	mg/L	EPA 353.2	0.082	0.2			D
2012/13-5	000NONPJ	matrix spike dup, rec	5/23/2013	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	D
2012/13-5	000NONPJ	matrix spike, RPD	5/23/2013	Nutrient	Nitrate as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	D
2012/13-5	Lab	method blank	5/23/2013	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2012/13-5	Lab	LCS	5/23/2013	Nutrient	Nitrate as N	n/a	=	1.01	mg/L	EPA 353.2	0.041	0.1			
2012/13-5	Lab	LCS, rec	5/23/2013	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike	5/23/2013	Nutrient	Nitrate as N	n/a	=	10.5	mg/L	EPA 353.2	0.041	0.1			
2012/13-5	ME-CC	matrix spike, rec	5/23/2013	Nutrient	Nitrate as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike dup	5/23/2013	Nutrient	Nitrate as N	n/a	=	10.6	mg/L	EPA 353.2	0.041	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	5/23/2013	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike, RPD	5/23/2013	Nutrient	Nitrate as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2012/13-5	000NONPJ	matrix spike	5/20/2013	Nutrient	Phosphorus as P	Dissolved	=	0.0617	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	000NONPJ	matrix spike, rec	5/20/2013	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	5/20/2013	Nutrient	Phosphorus as P	Dissolved	=	0.0613	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	000NONPJ	matrix spike dup, rec	5/20/2013	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	5/20/2013	Nutrient	Phosphorus as P	Dissolved	=	0.7	%	EPA 365.1	-88	-88	0	10	
2012/13-5	Lab	method blank	5/20/2013	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS	5/20/2013	Nutrient	Phosphorus as P	Dissolved	=	0.0491	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS, rec	5/20/2013	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	
2012/13-5	Lab	method blank	5/24/2013	Nutrient	Phosphorus as P	Dissolved	DNQ	0.0028	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS	5/24/2013	Nutrient	Phosphorus as P	Dissolved	=	0.0519	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS, rec	5/24/2013	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2012/13-5	Lab	method blank	6/12/2013	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS	6/12/2013	Nutrient	Phosphorus as P	Dissolved	=	0.0519	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS, rec	6/12/2013	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike	6/12/2013	Nutrient	Phosphorus as P	Dissolved	=	4.28	mg/L	EPA 365.1	0.035	0.25			D
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	D
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Nutrient	Phosphorus as P	Dissolved	=	4.28	mg/L	EPA 365.1	0.035	0.25			D
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	D
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Nutrient	Phosphorus as P	Dissolved	=	0	%	EPA 365.1	-88	-88	0	10	D
2012/13-5	MO-OJA	matrix spike	5/24/2013	Nutrient	Phosphorus as P	Dissolved	=	0.059	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/24/2013	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 365.1	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike dup	5/24/2013	Nutrient	Phosphorus as P	Dissolved	=	0.0598	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/24/2013	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 365.1	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike, RPD	5/24/2013	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 365.1	-88	-88	0	10	
2012/13-5	000NONPJ	matrix spike	5/8/2013	Nutrient	Phosphorus as P	Total	=	0.0743	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	000NONPJ	matrix spike, rec	5/8/2013	Nutrient	Phosphorus as P	Total	=	106	%	EPA 365.1	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	5/8/2013	Nutrient	Phosphorus as P	Total	=	0.0745	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	000NONPJ	matrix spike dup, rec	5/8/2013	Nutrient	Phosphorus as P	Total	=	107	%	EPA 365.1	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	5/8/2013	Nutrient	Phosphorus as P	Total	=	0.3	%	EPA 365.1	-88	-88	0	10	
2012/13-5	000NONPJ	matrix spike	5/8/2013	Nutrient	Phosphorus as P	Total	=	0.0735	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	000NONPJ	matrix spike, rec	5/8/2013	Nutrient	Phosphorus as P	Total	=	105	%	EPA 365.1	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	5/8/2013	Nutrient	Phosphorus as P	Total	=	0.0738	mg/L	EPA 365.1	0.0014	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	000NONPJ	matrix spike dup, rec	5/8/2013	Nutrient	Phosphorus as P	Total	=	106	%	EPA 365.1	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	5/8/2013	Nutrient	Phosphorus as P	Total	=	0.4	%	EPA 365.1	-88	-88	0	10	
2012/13-5	000NONPJ	matrix spike	6/12/2013	Nutrient	Phosphorus as P	Total	=	0.0798	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	000NONPJ	matrix spike, rec	6/12/2013	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	6/12/2013	Nutrient	Phosphorus as P	Total	=	0.0835	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	000NONPJ	matrix spike dup, rec	6/12/2013	Nutrient	Phosphorus as P	Total	=	110	%	EPA 365.1	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	6/12/2013	Nutrient	Phosphorus as P	Total	=	5	%	EPA 365.1	-88	-88	0	10	
2012/13-5	Lab	method blank	5/8/2013	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS	5/8/2013	Nutrient	Phosphorus as P	Total	=	0.0509	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS, rec	5/8/2013	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2012/13-5	Lab	method blank	5/24/2013	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS	5/24/2013	Nutrient	Phosphorus as P	Total	=	0.0511	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS, rec	5/24/2013	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2012/13-5	Lab	method blank	6/12/2013	Nutrient	Phosphorus as P	Total	DNQ	0.0019	mg/L	EPA 365.1	0.0014	0.01			IP
2012/13-5	Lab	LCS	6/12/2013	Nutrient	Phosphorus as P	Total	=	0.0527	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	Lab	LCS, rec	6/12/2013	Nutrient	Phosphorus as P	Total	=	105	%	EPA 365.1	-88	-88	90	110	
2012/13-5	ME-CC	matrix spike	6/12/2013	Nutrient	Phosphorus as P	Total	=	4.32	mg/L	EPA 365.1	0.035	0.25			D
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Nutrient	Phosphorus as P	Total	=	94	%	EPA 365.1	-88	-88	90	110	D
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Nutrient	Phosphorus as P	Total	=	4.4	mg/L	EPA 365.1	0.035	0.25			D
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	D
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	10	D
2012/13-5	MO-OJA	matrix spike	5/24/2013	Nutrient	Phosphorus as P	Total	=	0.0644	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/24/2013	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike dup	5/24/2013	Nutrient	Phosphorus as P	Total	=	0.0684	mg/L	EPA 365.1	0.0014	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/24/2013	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike, RPD	5/24/2013	Nutrient	Phosphorus as P	Total	=	6	%	EPA 365.1	-88	-88	0	10	
2012/13-5	000NONPJ	matrix spike	5/6/2013	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	000NONPJ	matrix spike, rec	5/6/2013	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	5/6/2013	Nutrient	TKN	n/a	=	1.27	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	000NONPJ	matrix spike dup, rec	5/6/2013	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	5/6/2013	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	15	
2012/13-5	000NONPJ	matrix spike	5/6/2013	Nutrient	TKN	n/a	=	1.11	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	000NONPJ	matrix spike, rec	5/6/2013	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	5/6/2013	Nutrient	TKN	n/a	=	1.21	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	000NONPJ	matrix spike dup, rec	5/6/2013	Nutrient	TKN	n/a	=	107	%	EPA 351.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	5/6/2013	Nutrient	TKN	n/a	=	8	%	EPA 351.2	-88	-88	0	15	
2012/13-5	000NONPJ	matrix spike	5/30/2013	Nutrient	TKN	n/a	=	1.59	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	000NONPJ	matrix spike, rec	5/30/2013	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike dup	5/30/2013	Nutrient	TKN	n/a	=	1.6	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	000NONPJ	matrix spike dup, rec	5/30/2013	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	5/30/2013	Nutrient	TKN	n/a	=	0.8	%	EPA 351.2	-88	-88	0	15	
2012/13-5	000NONPJ	matrix spike	6/11/2013	Nutrient	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	000NONPJ	matrix spike dup	6/11/2013	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	000NONPJ	matrix spike dup, rec	6/11/2013	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, rec	6/11/2013	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2012/13-5	000NONPJ	matrix spike, RPD	6/11/2013	Nutrient	TKN	n/a	=	0.6	%	EPA 351.2	-88	-88	0	15	
2012/13-5	Lab	method blank	5/6/2013	Nutrient	TKN	n/a	DNQ	0.0634	mg/L	EPA 351.2	0.05	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS	5/6/2013	Nutrient	TKN	n/a	=	1.04	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	Lab	LCS, rec	5/6/2013	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2012/13-5	Lab	method blank	5/20/2013	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	Lab	LCS	5/20/2013	Nutrient	TKN	n/a	=	1.03	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	Lab	LCS, rec	5/20/2013	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2012/13-5	Lab	method blank	5/30/2013	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	Lab	LCS	5/30/2013	Nutrient	TKN	n/a	=	1.03	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	Lab	LCS, rec	5/30/2013	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2012/13-5	Lab	LCS	6/11/2013	Nutrient	TKN	n/a	=	0.973	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	Lab	LCS	6/11/2013	Nutrient	TKN	n/a	=	0.992	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2012/13-5	Lab	LCS, rec	6/11/2013	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2012/13-5	Lab	method blank	6/11/2013	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	Lab	method blank	6/11/2013	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	ME-CC	matrix spike	6/11/2013	Nutrient	TKN	n/a	=	1.17	mg/L	EPA 351.2	0.05	0.1			GB
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Nutrient	TKN	n/a	=	1.16	mg/L	EPA 351.2	0.05	0.1			GB
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Nutrient	TKN	n/a	=	55	%	EPA 351.2	-88	-88	90	110	GB
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Nutrient	TKN	n/a	=	56	%	EPA 351.2	-88	-88	90	110	GB
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Nutrient	TKN	n/a	=	0.8	%	EPA 351.2	-88	-88	0	15	
2012/13-5	MO-OJA	matrix spike	5/20/2013	Nutrient	TKN	n/a	=	1.86	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/20/2013	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike dup	5/20/2013	Nutrient	TKN	n/a	=	1.85	mg/L	EPA 351.2	0.05	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/20/2013	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2012/13-5	MO-OJA	matrix spike, RPD	5/20/2013	Nutrient	TKN	n/a	=	0.3	%	EPA 351.2	-88	-88	0	15	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	26.9	µg/L	EPA 625	0.52	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	44	142	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	25	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	34.5	µg/L	EPA 625	0.52	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	44	142	
2012/13-5	Lab	method blank	5/15/2013	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	29	µg/L	EPA 625	0.55	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	58	%	EPA 625	-88	-88	44	142	
2012/13-5	Lab	method blank	6/12/2013	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	31.4	µg/L	EPA 625	0.55	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	44	142	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	30.9	µg/L	EPA 625	0.55	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	44	142	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	41	µg/L	EPA 625	0.55	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	44	142	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	28	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	28.6	µg/L	EPA 625	0.55	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	44	142	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	34.2	µg/L	EPA 625	0.55	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	44	142	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	25.5	µg/L	EPA 625	0.53	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	51	%	EPA 625	-88	-88	32	129	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	29	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	1,2-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	34.3	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	32	129	
2012/13-5	Lab	method blank	5/15/2013	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	1,2-Dichlorobenzene	n/a	=	27.6	µg/L	EPA 625	0.57	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	1,2-Dichlorobenzene	n/a	=	55	%	EPA 625	-88	-88	32	129	
2012/13-5	Lab	method blank	6/12/2013	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	1,2-Dichlorobenzene	n/a	=	32.2	µg/L	EPA 625	0.57	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	1,2-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	32	129	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	1,2-Dichlorobenzene	n/a	=	40.2	µg/L	EPA 625	0.57	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	1,2-Dichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	32	129	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	1,2-Dichlorobenzene	n/a	=	57.2	µg/L	EPA 625	0.57	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	1,2-Dichlorobenzene	n/a	=	114	%	EPA 625	-88	-88	32	129	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	1,2-Dichlorobenzene	n/a	=	35	%	EPA 625	-88	-88	0	30	IL
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	1,2-Dichlorobenzene	n/a	=	27.8	µg/L	EPA 625	0.57	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	1,2-Dichlorobenzene	n/a	=	56	%	EPA 625	-88	-88	32	129	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	1,2-Dichlorobenzene	n/a	=	33.3	µg/L	EPA 625	0.57	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	1,2-Dichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	32	129	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	1,2-Dichlorobenzene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2012/13-5	000NONPJ	srqt matrix spike	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2012/13-5	000NONPJ	srqt matrix spike, rec	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2012/13-5	000NONPJ	srqt matrix spike dup	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	48.7	µg/L	EPA 624	-88	-88			
2012/13-5	000NONPJ	srqt matrix spike dup, rec	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624	-88	-88	82	125	
2012/13-5	Lab	srqt LCS	4/24/2013	Organic	1,2-Dichloroethane-d4	n/a	=	40.5	µg/L	EPA 624	-88	-88			GN
2012/13-5	Lab	srqt LCS, rec	4/24/2013	Organic	1,2-Dichloroethane-d4	n/a	=	81	%	EPA 624	-88	-88	82	125	GN
2012/13-5	Lab	srqt LCS dup	4/24/2013	Organic	1,2-Dichloroethane-d4	n/a	=	41.1	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srqt LCS dup, rec	4/24/2013	Organic	1,2-Dichloroethane-d4	n/a	=	82	%	EPA 624	-88	-88	82	125	
2012/13-5	Lab	srqt method blank	4/24/2013	Organic	1,2-Dichloroethane-d4	n/a	=	44.4	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srqt method blank, rec	4/24/2013	Organic	1,2-Dichloroethane-d4	n/a	=	89	%	EPA 624	-88	-88	82	125	
2012/13-5	Lab	srqt LCS	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	46.8	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srqt LCS, rec	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624	-88	-88	82	125	
2012/13-5	Lab	srqt LCS dup	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	47.3	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srqt LCS dup, rec	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624	-88	-88	82	125	
2012/13-5	Lab	srqt method blank	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	52.8	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srqt method blank, rec	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624	-88	-88	82	125	
2012/13-5	ME-SCR	srqt environ	4/25/2013	Organic	1,2-Dichloroethane-d4	n/a	=	53.2	µg/L	EPA 624	-88	-88			
2012/13-5	ME-SCR	srqt environ, rec	4/25/2013	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624	-88	-88	82	125	
2012/13-5	ME-VR2	srqt environ	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	58.8	µg/L	EPA 624	-88	-88			
2012/13-5	ME-VR2	srqt environ, rec	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	118	%	EPA 624	-88	-88	82	125	
2012/13-5	MO-FIL	srqt environ	4/25/2013	Organic	1,2-Dichloroethane-d4	n/a	=	52	µg/L	EPA 624	-88	-88			
2012/13-5	MO-FIL	srqt environ, rec	4/25/2013	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2012/13-5	MO-HUE	srqt environ	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	60.4	µg/L	EPA 624	-88	-88			
2012/13-5	MO-HUE	srqt environ, rec	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	121	%	EPA 624	-88	-88	82	125	
2012/13-5	MO-OJA	srqt environ	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	59.7	µg/L	EPA 624	-88	-88			
2012/13-5	MO-OJA	srqt environ, rec	5/1/2013	Organic	1,2-Dichloroethane-d4	n/a	=	119	%	EPA 624	-88	-88	82	125	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OXN	srgt environ	4/25/2013	Organic	1,2-Dichloroethane-d4	n/a	=	54.5	µg/L	EPA 624	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	4/25/2013	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624	-88	-88	82	125	
2012/13-5	MO-VEN	srgt environ	4/25/2013	Organic	1,2-Dichloroethane-d4	n/a	=	54.6	µg/L	EPA 624	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	4/25/2013	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624	-88	-88	82	125	
2012/13-5	Lab	method blank	5/6/2013	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-5	Lab	method blank	5/15/2013	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-5	Lab	method blank	6/12/2013	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-5	Lab	LCS dup	5/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	25.7	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	51	%	EPA 625	-88	-88	0.1	172	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	31	%	EPA 625	-88	-88	0	30	IL
2012/13-5	Lab	method blank	5/6/2013	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	35.1	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	172	
2012/13-5	Lab	method blank	5/15/2013	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	1,3-Dichlorobenzene	n/a	=	26.3	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	1,3-Dichlorobenzene	n/a	=	53	%	EPA 625	-88	-88	0.1	172	
2012/13-5	Lab	method blank	6/12/2013	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	1,3-Dichlorobenzene	n/a	=	31.1	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	1,3-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	0.1	172	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	1,3-Dichlorobenzene	n/a	=	28.9	µg/L	EPA 625	0.53	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	1,3-Dichlorobenzene	n/a	=	58	%	EPA 625	-88	-88	0.1	172	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	1,3-Dichlorobenzene	n/a	=	41.2	µg/L	EPA 625	0.53	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	1,3-Dichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	0.1	172	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	1,3-Dichlorobenzene	n/a	=	35	%	EPA 625	-88	-88	0	30	IL
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	1,3-Dichlorobenzene	n/a	=	26.9	µg/L	EPA 625	0.53	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	1,3-Dichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	0.1	172	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	1,3-Dichlorobenzene	n/a	=	32.3	µg/L	EPA 625	0.53	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	1,3-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	0.1	172	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	1,3-Dichlorobenzene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	srgt method blank	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.494	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt LCS	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.478	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt method blank	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.24	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt LCS	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.03	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt LCS dup	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt method blank	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.9	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt LCS	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt method blank	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.513	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt LCS	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.518	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	srgt method blank	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt LCS	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt method blank	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.522	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	srgt LCS	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.542	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	
2012/13-5	ME-CC	srgt matrix spike	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.1	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-5	ME-CC	srgt matrix spike dup	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	136	
2012/13-5	ME-CC	srgt environ	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.9	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2012/13-5	ME-CC	srgt matrix spike	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.502	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-5	ME-CC	srgt matrix spike dup	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.498	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-5	ME-CC	srgt environ	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.493	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-5	ME-SCR	srgt environ	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.472	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	73	136	
2012/13-5	ME-SCR	srgt environ	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	
2012/13-5	ME-VR2	srgt environ	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2012/13-5	ME-VR2	srgt environ	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.527	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-CAM	srgt environ	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-CAM	srgt environ	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.482	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-FIL	srgt environ	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.507	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-FIL	srgt environ	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-HUE	srgt environ	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-HUE	srgt environ	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.564	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-OJA	srgt matrix spike	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.1	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-OJA	srgt matrix spike dup	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.06	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-OJA	srgt environ	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.03	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/3/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-OJA	srgt matrix spike	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.496	µg/L	EPA 525.2	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	srgt matrix spike, rec	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-OJA	srgt matrix spike dup	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.503	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-OJA	srgt environ	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.519	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-OXN	srgt matrix spike dup	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.513	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OXN	srgt matrix spike dup, rec	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-OXN	srgt matrix spike	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.5	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OXN	srgt matrix spike, rec	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-OXN	srgt environ	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.527	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-OXN	srgt environ	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-SIM	srgt environ	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-SIM	srgt environ	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.507	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-THO	srgt environ	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.05	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/11/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-THO	srgt environ	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.502	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-VEN	srgt environ	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.521	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	4/29/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2012/13-5	MO-VEN	srgt environ	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.33	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	5/1/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	26	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	52	%	EPA 625	-88	-88	20	124	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	34	%	EPA 625	-88	-88	0	30	IL
2012/13-5	Lab	method blank	5/6/2013	Organic	1,4-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	36.5	µg/L	EPA 625	0.53	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	20	124	
2012/13-5	Lab	method blank	5/15/2013	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	1,4-Dichlorobenzene	n/a	=	27.6	µg/L	EPA 625	0.55	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	1,4-Dichlorobenzene	n/a	=	55	%	EPA 625	-88	-88	20	124	
2012/13-5	Lab	method blank	6/12/2013	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	1,4-Dichlorobenzene	n/a	=	32.1	µg/L	EPA 625	0.55	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	1,4-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	20	124	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	1,4-Dichlorobenzene	n/a	=	29.4	µg/L	EPA 625	0.55	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	1,4-Dichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	20	124	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	1,4-Dichlorobenzene	n/a	=	41.8	µg/L	EPA 625	0.55	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	1,4-Dichlorobenzene	n/a	=	84	%	EPA 625	-88	-88	20	124	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	1,4-Dichlorobenzene	n/a	=	35	%	EPA 625	-88	-88	0	30	IL
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	1,4-Dichlorobenzene	n/a	=	27.7	µg/L	EPA 625	0.55	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	1,4-Dichlorobenzene	n/a	=	55	%	EPA 625	-88	-88	20	124	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	1,4-Dichlorobenzene	n/a	=	33.5	µg/L	EPA 625	0.55	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	1,4-Dichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	20	124	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	1,4-Dichlorobenzene	n/a	=	19	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	srgt LCS	5/24/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	10.4	µg/L	EPA 524.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/24/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	104	%	EPA 524.2	-88	-88	70	130	
2012/13-5	Lab	srgt LCS dup	5/24/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	10.3	µg/L	EPA 524.2	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/24/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	103	%	EPA 524.2	-88	-88	70	130	
2012/13-5	Lab	srgt method blank	5/24/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	7.94	µg/L	EPA 524.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/24/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	79	%	EPA 524.2	-88	-88	70	130	
2012/13-5	ME-CC	srgt environ	5/25/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	7.83	µg/L	EPA 524.2	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	5/25/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2012/13-5	MO-CAM	srgt environ	5/25/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	7.81	µg/L	EPA 524.2	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	5/25/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2012/13-5	MO-SIM	srgt environ	5/25/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	7.96	µg/L	EPA 524.2	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	5/25/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-5	MO-THO	srgt environ	5/25/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	7.65	µg/L	EPA 524.2	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	5/25/2013	Organic	1,4-Dichlorobenzene-d4	n/a	=	76	%	EPA 524.2	-88	-88	70	130	
2012/13-5	Lab	method blank	5/11/2013	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	method blank	5/11/2013	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	method blank	5/10/2013	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2012/13-5	Lab	method blank	5/10/2013	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2012/13-5	Lab	method blank	6/16/2013	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2012/13-5	Lab	srgt LCS dup	5/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	59.8	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625	-88	-88	19	119	
2012/13-5	Lab	srgt method blank	5/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	59.8	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625	-88	-88	19	119	
2012/13-5	Lab	srgt LCS	5/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	71.3	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	19	119	
2012/13-5	Lab	srgt method blank	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	4.3	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	Lab	srgt method blank, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	43	%	EPA 8270Cm	-88	-88	44	115	GN
2012/13-5	Lab	srgt LCS	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.64	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	Lab	srgt LCS dup	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.9	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	Lab	srgt method blank	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	4.88	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	Lab	srgt LCS	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	7.32	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	Lab	srgt method blank	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	64.8	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	19	119	
2012/13-5	Lab	srgt LCS	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	59.3	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 625	-88	-88	19	119	
2012/13-5	Lab	srgt method blank	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	52	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	52	%	EPA 625	-88	-88	19	119	
2012/13-5	Lab	srgt LCS	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	57.9	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 625	-88	-88	19	119	
2012/13-5	Lab	srgt method blank	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	4.67	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	47	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	Lab	srgt LCS	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.22	µg/L	EPA 8270Cm	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	srgt LCS, rec	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	52	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	ME-CC	srgt matrix spike	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	63.9	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	19	119	
2012/13-5	ME-CC	srgt matrix spike dup	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	71.5	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	19	119	
2012/13-5	ME-CC	srgt environ	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	60.6	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 625	-88	-88	19	119	
2012/13-5	ME-CC	srgt matrix spike	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	8.47	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	ME-CC	srgt matrix spike dup	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.45	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	ME-CC	srgt environ	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.13	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	ME-SCR	srgt environ	5/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	46.7	µg/L	EPA 625	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	47	%	EPA 625	-88	-88	19	119	
2012/13-5	ME-SCR	srgt environ	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	4.6	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	46	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	ME-VR2	srgt environ	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	0.84	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	ME-VR2	srgt environ, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	8	%	EPA 8270Cm	-88	-88	44	115	GN
2012/13-5	ME-VR2	srgt environ	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	45.1	µg/L	EPA 625	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	45	%	EPA 625	-88	-88	19	119	
2012/13-5	MO-CAM	srgt environ	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	55.6	µg/L	EPA 625	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625	-88	-88	19	119	
2012/13-5	MO-CAM	srgt environ	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.9	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	MO-FIL	srgt environ	5/7/2013	Organic	2,4,6-Tribromophenol	n/a	=	56.6	µg/L	EPA 625	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/7/2013	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 625	-88	-88	19	119	
2012/13-5	MO-FIL	srgt environ	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	7.2	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	MO-HUE	srgt environ	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.62	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	MO-HUE	srgt environ	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	55.1	µg/L	EPA 625	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625	-88	-88	19	119	
2012/13-5	MO-OJA	srgt matrix spike	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	2.8	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	28	%	EPA 8270Cm	-88	-88	44	115	GN
2012/13-5	MO-OJA	srgt matrix spike dup	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	3.77	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	38	%	EPA 8270Cm	-88	-88	44	115	GN
2012/13-5	MO-OJA	srgt environ	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	4.91	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	MO-OJA	srgt matrix spike	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	59.9	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625	-88	-88	19	119	
2012/13-5	MO-OJA	srgt matrix spike dup	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	63.7	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	19	119	
2012/13-5	MO-OJA	srgt environ	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	54.5	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/15/2013	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625	-88	-88	19	119	
2012/13-5	MO-OXN	srgt environ	5/7/2013	Organic	2,4,6-Tribromophenol	n/a	=	52.9	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/7/2013	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 625	-88	-88	19	119	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OXN	srgt environ	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.44	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	MO-SIM	srgt environ	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	63.8	µg/L	EPA 625	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	19	119	
2012/13-5	MO-SIM	srgt environ	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.71	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	MO-THO	srgt environ	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	58.8	µg/L	EPA 625	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/12/2013	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 625	-88	-88	19	119	
2012/13-5	MO-THO	srgt environ	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.58	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/16/2013	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	44	115	
2012/13-5	MO-VEN	srgt environ	5/7/2013	Organic	2,4,6-Tribromophenol	n/a	=	36.9	µg/L	EPA 625	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	5/7/2013	Organic	2,4,6-Tribromophenol	n/a	=	37	%	EPA 625	-88	-88	19	119	
2012/13-5	MO-VEN	srgt environ	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	3.3	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-VEN	srgt environ, rec	5/10/2013	Organic	2,4,6-Tribromophenol	n/a	=	33	%	EPA 8270Cm	-88	-88	44	115	GN
2012/13-5	Lab	method blank	5/10/2013	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	2,4,6-Trichlorophenol	n/a	=	6.63	µg/L	EPA 8270Cm	0.3	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2,4,6-Trichlorophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	52	150	
2012/13-5	Lab	LCS dup	5/10/2013	Organic	2,4,6-Trichlorophenol	n/a	=	6.14	µg/L	EPA 8270Cm	0.3	1			
2012/13-5	Lab	LCS dup, rec	5/10/2013	Organic	2,4,6-Trichlorophenol	n/a	=	61	%	EPA 8270Cm	-88	-88	52	150	
2012/13-5	Lab	LCS, RPD	5/10/2013	Organic	2,4,6-Trichlorophenol	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	2,4,6-Trichlorophenol	n/a	=	7.09	µg/L	EPA 8270Cm	0.3	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2,4,6-Trichlorophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	52	150	
2012/13-5	Lab	method blank	6/16/2013	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-5	Lab	LCS	6/16/2013	Organic	2,4,6-Trichlorophenol	n/a	=	5.07	µg/L	EPA 8270Cm	0.3	1			EUM
2012/13-5	Lab	LCS, rec	6/16/2013	Organic	2,4,6-Trichlorophenol	n/a	=	51	%	EPA 8270Cm	-88	-88	52	150	EUM
2012/13-5	Lab	method blank	5/10/2013	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	2,4-Dichlorophenol	n/a	=	6.19	µg/L	EPA 8270Cm	0.51	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2,4-Dichlorophenol	n/a	=	62	%	EPA 8270Cm	-88	-88	53	106	
2012/13-5	Lab	LCS dup	5/10/2013	Organic	2,4-Dichlorophenol	n/a	=	5.69	µg/L	EPA 8270Cm	0.51	1			
2012/13-5	Lab	LCS dup, rec	5/10/2013	Organic	2,4-Dichlorophenol	n/a	=	57	%	EPA 8270Cm	-88	-88	53	106	
2012/13-5	Lab	LCS, RPD	5/10/2013	Organic	2,4-Dichlorophenol	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	2,4-Dichlorophenol	n/a	=	6.42	µg/L	EPA 8270Cm	0.51	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2,4-Dichlorophenol	n/a	=	64	%	EPA 8270Cm	-88	-88	53	106	
2012/13-5	Lab	method blank	6/16/2013	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2012/13-5	Lab	LCS	6/16/2013	Organic	2,4-Dichlorophenol	n/a	=	5.08	µg/L	EPA 8270Cm	0.51	1			EUM
2012/13-5	Lab	LCS, rec	6/16/2013	Organic	2,4-Dichlorophenol	n/a	=	51	%	EPA 8270Cm	-88	-88	53	106	EUM
2012/13-5	000NONPJ	srgt matrix spike	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.26	µg/L	EPA 515.3	-88	-88			
2012/13-5	000NONPJ	srgt matrix spike, rec	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	srgt matrix spike dup	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.3	µg/L	EPA 515.3	-88	-88			
2012/13-5	000NONPJ	srgt matrix spike dup, rec	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	srgt matrix spike	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.46	µg/L	EPA 515.3	-88	-88			
2012/13-5	000NONPJ	srgt matrix spike, rec	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	srgt matrix spike dup	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.16	µg/L	EPA 515.3	-88	-88			
2012/13-5	000NONPJ	srgt matrix spike dup, rec	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	srgt method blank	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.93	µg/L	EPA 515.3	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	srgt method blank, rec	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	srgt LCS	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.36	µg/L	EPA 515.3	-88	-88			
2012/13-5	Lab	srgt LCS, rec	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	srgt method blank	5/8/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.74	µg/L	EPA 515.3	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/8/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	srgt LCS	5/8/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.11	µg/L	EPA 515.3	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/8/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	srgt method blank	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.07	µg/L	EPA 515.3	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	srgt LCS	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.26	µg/L	EPA 515.3	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	srgt matrix spike	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.12	µg/L	EPA 515.3	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	srgt matrix spike dup	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.19	µg/L	EPA 515.3	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	srgt environ	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.45	µg/L	EPA 515.3	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/6/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-SCR	srgt environ	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.68	µg/L	EPA 515.3	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-VR2	srgt environ	5/8/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.41	µg/L	EPA 515.3	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/8/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-CAM	srgt environ	6/7/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.91	µg/L	EPA 515.3	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/7/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-FIL	srgt environ	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.69	µg/L	EPA 515.3	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-HUE	srgt environ	5/9/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.73	µg/L	EPA 515.3	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/9/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	srgt matrix spike	5/8/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.08	µg/L	EPA 515.3	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/8/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	srgt matrix spike dup	5/8/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.07	µg/L	EPA 515.3	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/8/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	srgt environ	5/9/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.09	µg/L	EPA 515.3	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/9/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OXN	srgt environ	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.88	µg/L	EPA 515.3	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-SIM	srgt environ	6/7/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.2	µg/L	EPA 515.3	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/7/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-THO	srgt environ	6/7/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.97	µg/L	EPA 515.3	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/7/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-VEN	srgt environ	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.24	µg/L	EPA 515.3	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	4/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/10/2013	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS	5/10/2013	Organic	2,4-Dimethylphenol	n/a	=	6.01	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2,4-Dimethylphenol	n/a	=	60	%	EPA 8270Cm	-88	-88	21	99	
2012/13-5	Lab	LCS dup	5/10/2013	Organic	2,4-Dimethylphenol	n/a	=	4.83	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS dup, rec	5/10/2013	Organic	2,4-Dimethylphenol	n/a	=	48	%	EPA 8270Cm	-88	-88	21	99	
2012/13-5	Lab	LCS, RPD	5/10/2013	Organic	2,4-Dimethylphenol	n/a	=	22	%	EPA 8270Cm	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	method blank	5/10/2013	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS	5/10/2013	Organic	2,4-Dimethylphenol	n/a	=	6.3	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2,4-Dimethylphenol	n/a	=	63	%	EPA 8270Cm	-88	-88	21	99	
2012/13-5	Lab	method blank	6/16/2013	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS	6/16/2013	Organic	2,4-Dimethylphenol	n/a	=	4.74	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS, rec	6/16/2013	Organic	2,4-Dimethylphenol	n/a	=	47	%	EPA 8270Cm	-88	-88	21	99	
2012/13-5	Lab	method blank	5/10/2013	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS	5/10/2013	Organic	2,4-Dinitrophenol	n/a	=	3.45	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2,4-Dinitrophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	2	227	
2012/13-5	Lab	LCS dup	5/10/2013	Organic	2,4-Dinitrophenol	n/a	=	5.84	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS dup, rec	5/10/2013	Organic	2,4-Dinitrophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	2	227	
2012/13-5	Lab	LCS, RPD	5/10/2013	Organic	2,4-Dinitrophenol	n/a	=	51	%	EPA 8270Cm	-88	-88	0	30	IL
2012/13-5	Lab	method blank	5/10/2013	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS	5/10/2013	Organic	2,4-Dinitrophenol	n/a	=	6.34	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2,4-Dinitrophenol	n/a	=	63	%	EPA 8270Cm	-88	-88	2	227	
2012/13-5	Lab	method blank	6/16/2013	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS	6/16/2013	Organic	2,4-Dinitrophenol	n/a	=	4.05	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS, rec	6/16/2013	Organic	2,4-Dinitrophenol	n/a	=	40	%	EPA 8270Cm	-88	-88	2	227	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	31.6	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	63	%	EPA 625	-88	-88	39	139	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	37.2	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	74	%	EPA 625	-88	-88	39	139	
2012/13-5	Lab	method blank	5/15/2013	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	2,4-Dinitrotoluene	n/a	=	29.4	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	2,4-Dinitrotoluene	n/a	=	59	%	EPA 625	-88	-88	39	139	
2012/13-5	Lab	method blank	6/12/2013	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	2,4-Dinitrotoluene	n/a	=	30.7	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	2,4-Dinitrotoluene	n/a	=	61	%	EPA 625	-88	-88	39	139	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	2,4-Dinitrotoluene	n/a	=	35.1	µg/L	EPA 625	0.18	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	2,4-Dinitrotoluene	n/a	=	70	%	EPA 625	-88	-88	39	139	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	2,4-Dinitrotoluene	n/a	=	38.7	µg/L	EPA 625	0.18	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	2,4-Dinitrotoluene	n/a	=	77	%	EPA 625	-88	-88	39	139	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	2,4-Dinitrotoluene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	2,4-Dinitrotoluene	n/a	=	31.1	µg/L	EPA 625	0.18	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	2,4-Dinitrotoluene	n/a	=	62	%	EPA 625	-88	-88	39	139	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	2,4-Dinitrotoluene	n/a	=	34.5	µg/L	EPA 625	0.18	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	2,4-Dinitrotoluene	n/a	=	69	%	EPA 625	-88	-88	39	139	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	2,4-Dinitrotoluene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	32	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	64	%	EPA 625	-88	-88	50	158	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	38	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	76	%	EPA 625	-88	-88	50	158	
2012/13-5	Lab	method blank	5/15/2013	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS	5/15/2013	Organic	2,6-Dinitrotoluene	n/a	=	32.4	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	2,6-Dinitrotoluene	n/a	=	65	%	EPA 625	-88	-88	50	158	
2012/13-5	Lab	method blank	6/12/2013	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	2,6-Dinitrotoluene	n/a	=	31.6	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	2,6-Dinitrotoluene	n/a	=	63	%	EPA 625	-88	-88	50	158	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	2,6-Dinitrotoluene	n/a	=	40.9	µg/L	EPA 625	0.27	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	2,6-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	50	158	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	2,6-Dinitrotoluene	n/a	=	40.7	µg/L	EPA 625	0.27	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	50	158	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	2,6-Dinitrotoluene	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	2,6-Dinitrotoluene	n/a	=	33.8	µg/L	EPA 625	0.27	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	2,6-Dinitrotoluene	n/a	=	68	%	EPA 625	-88	-88	50	158	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	2,6-Dinitrotoluene	n/a	=	36.1	µg/L	EPA 625	0.27	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	2,6-Dinitrotoluene	n/a	=	72	%	EPA 625	-88	-88	50	158	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	2,6-Dinitrotoluene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			GB
2012/13-5	000NONPJ	matrix spike, rec	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB
2012/13-5	000NONPJ	matrix spike dup	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			GB
2012/13-5	000NONPJ	matrix spike dup, rec	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB
2012/13-5	000NONPJ	matrix spike, RPD	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0	25	
2012/13-5	Lab	LCS	4/24/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	49.3	µg/L	EPA 624	0.28	1			
2012/13-5	Lab	LCS, rec	4/24/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	99	%	EPA 624	-88	-88	0.1	305	
2012/13-5	Lab	LCS dup	4/24/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	53.2	µg/L	EPA 624	0.28	1			
2012/13-5	Lab	LCS dup, rec	4/24/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	106	%	EPA 624	-88	-88	0.1	305	
2012/13-5	Lab	LCS, RPD	4/24/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	8	%	EPA 624	-88	-88	0	25	
2012/13-5	Lab	method blank	4/24/2013	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2012/13-5	Lab	LCS	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	53.4	µg/L	EPA 624	0.28	1			
2012/13-5	Lab	LCS, rec	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	107	%	EPA 624	-88	-88	0.1	305	
2012/13-5	Lab	LCS dup	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	55.9	µg/L	EPA 624	0.28	1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	112	%	EPA 624	-88	-88	0.1	305	
2012/13-5	Lab	LCS, RPD	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	5	%	EPA 624	-88	-88	0	25	
2012/13-5	Lab	method blank	5/1/2013	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2012/13-5	Lab	LCS dup	5/6/2013	Organic	2-Chloronaphthalene	n/a	=	28.9	µg/L	EPA 625	0.38	1			EUM
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	2-Chloronaphthalene	n/a	=	58	%	EPA 625	-88	-88	60	118	EUM
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	2-Chloronaphthalene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	2-Chloronaphthalene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	2-Chloronaphthalene	n/a	=	35.4	µg/L	EPA 625	0.38	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	2-Chloronaphthalene	n/a	=	71	%	EPA 625	-88	-88	60	118	
2012/13-5	Lab	method blank	5/15/2013	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	2-Chloronaphthalene	n/a	=	31.1	µg/L	EPA 625	0.45	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	2-Chloronaphthalene	n/a	=	62	%	EPA 625	-88	-88	60	118	
2012/13-5	Lab	method blank	6/12/2013	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	2-Chloronaphthalene	n/a	=	32.1	µg/L	EPA 625	0.45	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	2-Chloronaphthalene	n/a	=	64	%	EPA 625	-88	-88	60	118	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	2-Chloronaphthalene	n/a	=	33.4	µg/L	EPA 625	0.45	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	2-Chloronaphthalene	n/a	=	67	%	EPA 625	-88	-88	60	118	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	2-Chloronaphthalene	n/a	=	43.2	µg/L	EPA 625	0.45	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	2-Chloronaphthalene	n/a	=	86	%	EPA 625	-88	-88	60	118	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	2-Chloronaphthalene	n/a	=	26	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	2-Chloronaphthalene	n/a	=	31.8	µg/L	EPA 625	0.45	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	2-Chloronaphthalene	n/a	=	64	%	EPA 625	-88	-88	60	118	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	2-Chloronaphthalene	n/a	=	35.3	µg/L	EPA 625	0.45	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	2-Chloronaphthalene	n/a	=	71	%	EPA 625	-88	-88	60	118	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	2-Chloronaphthalene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	2-Chlorophenol	n/a	=	5.43	µg/L	EPA 8270Cm	0.65	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2-Chlorophenol	n/a	=	54	%	EPA 8270Cm	-88	-88	46	92	
2012/13-5	Lab	LCS dup	5/10/2013	Organic	2-Chlorophenol	n/a	=	5.13	µg/L	EPA 8270Cm	0.65	1			
2012/13-5	Lab	LCS dup, rec	5/10/2013	Organic	2-Chlorophenol	n/a	=	51	%	EPA 8270Cm	-88	-88	46	92	
2012/13-5	Lab	LCS, RPD	5/10/2013	Organic	2-Chlorophenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	2-Chlorophenol	n/a	=	5.46	µg/L	EPA 8270Cm	0.65	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2-Chlorophenol	n/a	=	55	%	EPA 8270Cm	-88	-88	46	92	
2012/13-5	Lab	method blank	6/16/2013	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2012/13-5	Lab	LCS	6/16/2013	Organic	2-Chlorophenol	n/a	=	4.46	µg/L	EPA 8270Cm	0.65	1			EUM
2012/13-5	Lab	LCS, rec	6/16/2013	Organic	2-Chlorophenol	n/a	=	45	%	EPA 8270Cm	-88	-88	46	92	EUM
2012/13-5	ME-CC	matrix spike	6/16/2013	Organic	2-Chlorophenol	n/a	=	6.04	µg/L	EPA 8270Cm	0.65	1			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Organic	2-Chlorophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	47	102	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Organic	2-Chlorophenol	n/a	=	5.55	µg/L	EPA 8270Cm	0.65	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Organic	2-Chlorophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	47	102	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Organic	2-Chlorophenol	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/10/2013	Organic	2-Chlorophenol	n/a	=	2.03	µg/L	EPA 8270Cm	0.65	1			GB
2012/13-5	MO-OJA	matrix spike, rec	5/10/2013	Organic	2-Chlorophenol	n/a	=	20	%	EPA 8270Cm	-88	-88	47	102	GB
2012/13-5	MO-OJA	matrix spike dup	5/10/2013	Organic	2-Chlorophenol	n/a	=	2.86	µg/L	EPA 8270Cm	0.65	1			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/10/2013	Organic	2-Chlorophenol	n/a	=	29	%	EPA 8270Cm	-88	-88	47	102	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/10/2013	Organic	2-Chlorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	0	30	IL
2012/13-5	Lab	srgt LCS dup	5/6/2013	Organic	2-Fluorobiphenyl	n/a	=	29.3	µg/L	EPA 625	-88	-88			GN
2012/13-5	Lab	srgt LCS dup, rec	5/6/2013	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625	-88	-88	68	108	GN
2012/13-5	Lab	srgt method blank	5/6/2013	Organic	2-Fluorobiphenyl	n/a	=	27.7	µg/L	EPA 625	-88	-88			GN
2012/13-5	Lab	srgt method blank, rec	5/6/2013	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 625	-88	-88	68	108	GN
2012/13-5	Lab	srgt LCS	5/6/2013	Organic	2-Fluorobiphenyl	n/a	=	35.1	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/6/2013	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	68	108	
2012/13-5	Lab	srgt method blank	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	2.82	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	Lab	srgt LCS	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	3.44	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	Lab	srgt LCS dup	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	3.25	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	Lab	srgt method blank	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	3.22	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	Lab	srgt LCS	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	3.67	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	Lab	srgt method blank	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	35.1	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	68	108	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	srgt LCS	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	30.2	µg/L	EPA 625	-88	-88			GN
2012/13-5	Lab	srgt LCS, rec	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	68	108	GN
2012/13-5	Lab	srgt method blank	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	29.5	µg/L	EPA 625	-88	-88			GN
2012/13-5	Lab	srgt method blank, rec	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625	-88	-88	68	108	GN
2012/13-5	Lab	srgt LCS	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	34	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	68	108	
2012/13-5	Lab	srgt method blank	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	2.95	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	Lab	srgt LCS	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	2.71	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	ME-CC	srgt matrix spike	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	35.7	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	68	108	
2012/13-5	ME-CC	srgt matrix spike dup	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	43.7	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625	-88	-88	68	108	
2012/13-5	ME-CC	srgt environ	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	39.5	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	68	108	
2012/13-5	ME-CC	srgt matrix spike	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	4.37	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	ME-CC	srgt matrix spike dup	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	3.47	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	ME-CC	srgt environ	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	3.35	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	ME-SCR	srgt environ	5/6/2013	Organic	2-Fluorobiphenyl	n/a	=	22	µg/L	EPA 625	-88	-88			GN
2012/13-5	ME-SCR	srgt environ, rec	5/6/2013	Organic	2-Fluorobiphenyl	n/a	=	44	%	EPA 625	-88	-88	68	108	GN
2012/13-5	ME-SCR	srgt environ	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	3.15	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	ME-VR2	srgt environ	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	3.58	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	ME-VR2	srgt environ	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	30.6	µg/L	EPA 625	-88	-88			GN
2012/13-5	ME-VR2	srgt environ, rec	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	68	108	GN
2012/13-5	MO-CAM	srgt environ	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	26.9	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-CAM	srgt environ, rec	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 625	-88	-88	68	108	GN
2012/13-5	MO-CAM	srgt environ	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	3.04	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	MO-FIL	srgt environ	5/7/2013	Organic	2-Fluorobiphenyl	n/a	=	28	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-FIL	srgt environ, rec	5/7/2013	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 625	-88	-88	68	108	GN
2012/13-5	MO-FIL	srgt environ	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	4.09	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	MO-HUE	srgt environ	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	3.42	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	MO-HUE	srgt environ	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	35.3	µg/L	EPA 625	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	68	108	
2012/13-5	MO-OJA	srgt matrix spike	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	1.21	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	24	%	EPA 8270Cm	-88	-88	51	139	GN
2012/13-5	MO-OJA	srgt matrix spike dup	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	2.01	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	40	%	EPA 8270Cm	-88	-88	51	139	GN
2012/13-5	MO-OJA	srgt environ	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	2.69	µg/L	EPA 8270Cm	-88	-88			

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	srgt environ, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	MO-OJA	srgt matrix spike	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	31.2	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike, rec	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	68	108	GN
2012/13-5	MO-OJA	srgt matrix spike dup	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	36.6	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	68	108	
2012/13-5	MO-OJA	srgt environ	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	30.8	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-OJA	srgt environ, rec	5/15/2013	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	68	108	GN
2012/13-5	MO-OXN	srgt environ	5/7/2013	Organic	2-Fluorobiphenyl	n/a	=	24.6	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-OXN	srgt environ, rec	5/7/2013	Organic	2-Fluorobiphenyl	n/a	=	49	%	EPA 625	-88	-88	68	108	GN
2012/13-5	MO-OXN	srgt environ	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	2.77	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	MO-SIM	srgt environ	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	36.3	µg/L	EPA 625	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	68	108	
2012/13-5	MO-SIM	srgt environ	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	3.51	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	MO-THO	srgt environ	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	32.6	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-THO	srgt environ, rec	6/12/2013	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	68	108	GN
2012/13-5	MO-THO	srgt environ	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	3.45	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/18/2013	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270Cm	-88	-88	51	139	
2012/13-5	MO-VEN	srgt environ	5/7/2013	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-VEN	srgt environ, rec	5/7/2013	Organic	2-Fluorobiphenyl	n/a	=	31	%	EPA 625	-88	-88	68	108	GN
2012/13-5	MO-VEN	srgt environ	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	1.69	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-VEN	srgt environ, rec	5/11/2013	Organic	2-Fluorobiphenyl	n/a	=	34	%	EPA 8270Cm	-88	-88	51	139	GN
2012/13-5	Lab	srgt LCS dup	5/6/2013	Organic	2-Fluorophenol	n/a	=	35.2	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/6/2013	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	0.1	104	
2012/13-5	Lab	srgt method blank	5/6/2013	Organic	2-Fluorophenol	n/a	=	48.7	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/6/2013	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	0.1	104	
2012/13-5	Lab	srgt LCS	5/6/2013	Organic	2-Fluorophenol	n/a	=	52.4	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/6/2013	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625	-88	-88	0.1	104	
2012/13-5	Lab	srgt method blank	5/10/2013	Organic	2-Fluorophenol	n/a	=	3.03	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	Lab	srgt LCS	5/10/2013	Organic	2-Fluorophenol	n/a	=	3.3	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	Lab	srgt LCS dup	5/10/2013	Organic	2-Fluorophenol	n/a	=	3.12	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	Lab	srgt method blank	5/10/2013	Organic	2-Fluorophenol	n/a	=	3.3	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	Lab	srgt LCS	5/10/2013	Organic	2-Fluorophenol	n/a	=	3.49	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	Lab	srgt method blank	5/15/2013	Organic	2-Fluorophenol	n/a	=	35.2	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/15/2013	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	0.1	104	
2012/13-5	Lab	srgt LCS	5/15/2013	Organic	2-Fluorophenol	n/a	=	30	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/15/2013	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	0.1	104	
2012/13-5	Lab	srgt method blank	6/12/2013	Organic	2-Fluorophenol	n/a	=	40	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/12/2013	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	0.1	104	
2012/13-5	Lab	srgt LCS	6/12/2013	Organic	2-Fluorophenol	n/a	=	42.7	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/12/2013	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	0.1	104	

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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	
2012/13-5	Lab	srgt method blank	6/16/2013	Organic	2-Fluorophenol	n/a	=	3.65	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/16/2013	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	Lab	srgt LCS	6/16/2013	Organic	2-Fluorophenol	n/a	=	2.87	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/16/2013	Organic	2-Fluorophenol	n/a	=	29	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	ME-CC	srgt matrix spike	6/12/2013	Organic	2-Fluorophenol	n/a	=	31.5	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/12/2013	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	0.1	104	
2012/13-5	ME-CC	srgt matrix spike dup	6/12/2013	Organic	2-Fluorophenol	n/a	=	46.6	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/12/2013	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	0.1	104	
2012/13-5	ME-CC	srgt environ	6/12/2013	Organic	2-Fluorophenol	n/a	=	36.9	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/12/2013	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	0.1	104	
2012/13-5	ME-CC	srgt matrix spike	6/16/2013	Organic	2-Fluorophenol	n/a	=	5.48	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/16/2013	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	ME-CC	srgt matrix spike dup	6/16/2013	Organic	2-Fluorophenol	n/a	=	4.96	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/16/2013	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	ME-CC	srgt environ	6/16/2013	Organic	2-Fluorophenol	n/a	=	3.82	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/16/2013	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	ME-SCR	srgt environ	5/6/2013	Organic	2-Fluorophenol	n/a	=	37.7	µg/L	EPA 625	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/6/2013	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	0.1	104	
2012/13-5	ME-SCR	srgt environ	5/10/2013	Organic	2-Fluorophenol	n/a	=	3.14	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	ME-VR2	srgt environ	5/10/2013	Organic	2-Fluorophenol	n/a	=	1.02	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	ME-VR2	srgt environ, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	10	%	EPA 8270Cm	-88	-88	24	82	GN
2012/13-5	ME-VR2	srgt environ	5/15/2013	Organic	2-Fluorophenol	n/a	=	23.6	µg/L	EPA 625	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/15/2013	Organic	2-Fluorophenol	n/a	=	24	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-CAM	srgt environ	6/12/2013	Organic	2-Fluorophenol	n/a	=	30.9	µg/L	EPA 625	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/12/2013	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-CAM	srgt environ	6/16/2013	Organic	2-Fluorophenol	n/a	=	3.21	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/16/2013	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	MO-FIL	srgt environ	5/7/2013	Organic	2-Fluorophenol	n/a	=	43.6	µg/L	EPA 625	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/7/2013	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-FIL	srgt environ	5/10/2013	Organic	2-Fluorophenol	n/a	=	3.87	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	MO-HUE	srgt environ	5/10/2013	Organic	2-Fluorophenol	n/a	=	3.52	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	MO-HUE	srgt environ	5/15/2013	Organic	2-Fluorophenol	n/a	=	32	µg/L	EPA 625	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/15/2013	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-OJA	srgt matrix spike	5/10/2013	Organic	2-Fluorophenol	n/a	=	1.43	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	14	%	EPA 8270Cm	-88	-88	24	82	GN
2012/13-5	MO-OJA	srgt matrix spike dup	5/10/2013	Organic	2-Fluorophenol	n/a	=	2.31	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	23	%	EPA 8270Cm	-88	-88	24	82	GN
2012/13-5	MO-OJA	srgt environ	5/10/2013	Organic	2-Fluorophenol	n/a	=	3.13	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	MO-OJA	srgt matrix spike	5/15/2013	Organic	2-Fluorophenol	n/a	=	26.6	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/15/2013	Organic	2-Fluorophenol	n/a	=	27	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-OJA	srgt matrix spike dup	5/15/2013	Organic	2-Fluorophenol	n/a	=	30.6	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/15/2013	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-OJA	srgt environ	5/15/2013	Organic	2-Fluorophenol	n/a	=	30	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	srgt environ, rec	5/15/2013	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-OXN	srgt environ	5/7/2013	Organic	2-Fluorophenol	n/a	=	38.4	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/7/2013	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-OXN	srgt environ	5/10/2013	Organic	2-Fluorophenol	n/a	=	2.5	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	25	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	MO-SIM	srgt environ	6/12/2013	Organic	2-Fluorophenol	n/a	=	42.3	µg/L	EPA 625	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/12/2013	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-SIM	srgt environ	6/16/2013	Organic	2-Fluorophenol	n/a	=	4.02	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/16/2013	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	MO-THO	srgt environ	6/12/2013	Organic	2-Fluorophenol	n/a	=	39.9	µg/L	EPA 625	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/12/2013	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-THO	srgt environ	6/16/2013	Organic	2-Fluorophenol	n/a	=	3.9	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/16/2013	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	
2012/13-5	MO-VEN	srgt environ	5/7/2013	Organic	2-Fluorophenol	n/a	=	38	µg/L	EPA 625	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	5/7/2013	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	0.1	104	
2012/13-5	MO-VEN	srgt environ	5/10/2013	Organic	2-Fluorophenol	n/a	=	2.25	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-VEN	srgt environ, rec	5/10/2013	Organic	2-Fluorophenol	n/a	=	22	%	EPA 8270Cm	-88	-88	24	82	GN
2012/13-5	Lab	method blank	5/11/2013	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	method blank	5/11/2013	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	method blank	6/18/2013	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	method blank	5/10/2013	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2012/13-5	Lab	method blank	5/10/2013	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2012/13-5	Lab	method blank	6/16/2013	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2012/13-5	Lab	method blank	5/10/2013	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	2-Nitrophenol	n/a	=	6.4	µg/L	EPA 8270Cm	0.71	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2-Nitrophenol	n/a	=	64	%	EPA 8270Cm	-88	-88	48	197	
2012/13-5	Lab	LCS dup	5/10/2013	Organic	2-Nitrophenol	n/a	=	5.97	µg/L	EPA 8270Cm	0.71	1			
2012/13-5	Lab	LCS dup, rec	5/10/2013	Organic	2-Nitrophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	48	197	
2012/13-5	Lab	LCS, RPD	5/10/2013	Organic	2-Nitrophenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	2-Nitrophenol	n/a	=	6.72	µg/L	EPA 8270Cm	0.71	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	2-Nitrophenol	n/a	=	67	%	EPA 8270Cm	-88	-88	48	197	
2012/13-5	Lab	method blank	6/16/2013	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2012/13-5	Lab	LCS	6/16/2013	Organic	2-Nitrophenol	n/a	=	5.06	µg/L	EPA 8270Cm	0.71	1			
2012/13-5	Lab	LCS, rec	6/16/2013	Organic	2-Nitrophenol	n/a	=	51	%	EPA 8270Cm	-88	-88	48	197	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	96.2	µg/L	EPA 625	0.67	5			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	192	%	EPA 625	-88	-88	0.1	262	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	0.67	µg/L	EPA 625	0.67	5			
2012/13-5	Lab	LCS	5/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	99.4	µg/L	EPA 625	0.67	5			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	199	%	EPA 625	-88	-88	0.1	262	
2012/13-5	Lab	method blank	5/15/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2012/13-5	Lab	LCS	5/15/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	75.7	µg/L	EPA 625	1.2	5			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	151	%	EPA 625	-88	-88	0.1	262	
2012/13-5	Lab	method blank	6/12/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2012/13-5	Lab	LCS	6/12/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	21.1	µg/L	EPA 625	1.2	5			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	42	%	EPA 625	-88	-88	0.1	262	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	44.3	µg/L	EPA 625	1.2	5			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	89	%	EPA 625	-88	-88	0.1	262	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	44.9	µg/L	EPA 625	1.2	5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	90	%	EPA 625	-88	-88	0.1	262	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	1	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-5	Lab	method blank	5/10/2013	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-5	Lab	method blank	5/10/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5.84	µg/L	EPA 8270Cm	0.14	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	58	%	EPA 8270Cm	-88	-88	56	227	
2012/13-5	Lab	LCS dup	5/10/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5.51	µg/L	EPA 8270Cm	0.14	1			EUM
2012/13-5	Lab	LCS dup, rec	5/10/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	55	%	EPA 8270Cm	-88	-88	56	227	EUM
2012/13-5	Lab	LCS, RPD	5/10/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5.88	µg/L	EPA 8270Cm	0.14	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	59	%	EPA 8270Cm	-88	-88	56	227	
2012/13-5	Lab	method blank	6/16/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2012/13-5	Lab	LCS	6/16/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4.71	µg/L	EPA 8270Cm	0.14	1			EUM
2012/13-5	Lab	LCS, rec	6/16/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	47	%	EPA 8270Cm	-88	-88	56	227	EUM
2012/13-5	000NONPJ	srgt matrix spike	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2012/13-5	000NONPJ	srgt matrix spike, rec	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2012/13-5	000NONPJ	srgt matrix spike dup	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 624	-88	-88			
2012/13-5	000NONPJ	srgt matrix spike dup, rec	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2012/13-5	Lab	srgt LCS	4/24/2013	Organic	4-Bromofluorobenzene	n/a	=	55.4	µg/L	EPA 624	-88	-88			GN
2012/13-5	Lab	srgt LCS, rec	4/24/2013	Organic	4-Bromofluorobenzene	n/a	=	111	%	EPA 624	-88	-88	88	108	GN
2012/13-5	Lab	srgt LCS dup	4/24/2013	Organic	4-Bromofluorobenzene	n/a	=	56.6	µg/L	EPA 624	-88	-88			GN
2012/13-5	Lab	srgt LCS dup, rec	4/24/2013	Organic	4-Bromofluorobenzene	n/a	=	113	%	EPA 624	-88	-88	88	108	GN
2012/13-5	Lab	srgt method blank	4/24/2013	Organic	4-Bromofluorobenzene	n/a	=	53.8	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srgt method blank, rec	4/24/2013	Organic	4-Bromofluorobenzene	n/a	=	108	%	EPA 624	-88	-88	88	108	
2012/13-5	Lab	srgt LCS	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	52.2	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624	-88	-88	88	108	
2012/13-5	Lab	srgt LCS dup	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	51.7	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2012/13-5	Lab	srgt method blank	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2012/13-5	Lab	srgt LCS	5/24/2013	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/24/2013	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	
2012/13-5	Lab	srgt LCS dup	5/24/2013	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/24/2013	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	
2012/13-5	Lab	srgt method blank	5/24/2013	Organic	4-Bromofluorobenzene	n/a	=	8.05	µg/L	EPA 524.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/24/2013	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 524.2	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	srgt environ	5/25/2013	Organic	4-Bromofluorobenzene	n/a	=	9.95	µg/L	EPA 524.2	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	5/25/2013	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2012/13-5	ME-SCR	srgt environ	4/25/2013	Organic	4-Bromofluorobenzene	n/a	=	51.6	µg/L	EPA 624	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	4/25/2013	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 624	-88	-88	88	108	
2012/13-5	ME-VR2	srgt environ	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 624	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2012/13-5	MO-CAM	srgt environ	5/25/2013	Organic	4-Bromofluorobenzene	n/a	=	9.89	µg/L	EPA 524.2	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	5/25/2013	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2012/13-5	MO-FIL	srgt environ	4/25/2013	Organic	4-Bromofluorobenzene	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	4/25/2013	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2012/13-5	MO-HUE	srgt environ	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	47.9	µg/L	EPA 624	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2012/13-5	MO-OJA	srgt environ	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	47.3	µg/L	EPA 624	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/1/2013	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2012/13-5	MO-OXN	srgt environ	4/25/2013	Organic	4-Bromofluorobenzene	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	4/25/2013	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2012/13-5	MO-SIM	srgt environ	5/25/2013	Organic	4-Bromofluorobenzene	n/a	=	10.1	µg/L	EPA 524.2	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	5/25/2013	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 524.2	-88	-88	70	130	
2012/13-5	MO-THO	srgt environ	5/25/2013	Organic	4-Bromofluorobenzene	n/a	=	9.71	µg/L	EPA 524.2	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	5/25/2013	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2012/13-5	MO-VEN	srgt environ	4/25/2013	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	4/25/2013	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	26.7	µg/L	EPA 625	0.36	1			EUM
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	53	%	EPA 625	-88	-88	53	127	EUM
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	16	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	31.4	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	63	%	EPA 625	-88	-88	53	127	
2012/13-5	Lab	method blank	5/15/2013	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	26.2	µg/L	EPA 625	0.36	1			EUM
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	52	%	EPA 625	-88	-88	53	127	EUM
2012/13-5	Lab	method blank	6/12/2013	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	26.6	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	53	%	EPA 625	-88	-88	53	127	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	30	µg/L	EPA 625	0.36	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	60	%	EPA 625	-88	-88	53	127	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	33.8	µg/L	EPA 625	0.36	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	68	%	EPA 625	-88	-88	53	127	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	12	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	27.7	µg/L	EPA 625	0.36	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	55	%	EPA 625	-88	-88	53	127	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	30.3	µg/L	EPA 625	0.36	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	61	%	EPA 625	-88	-88	53	127	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	6.03	µg/L	EPA 8270Cm	0.37	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	60	%	EPA 8270Cm	-88	-88	51	112	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS dup	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	5.48	µg/L	EPA 8270Cm	0.37	1			
2012/13-5	Lab	LCS dup, rec	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	55	%	EPA 8270Cm	-88	-88	51	112	
2012/13-5	Lab	LCS, RPD	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	6.56	µg/L	EPA 8270Cm	0.37	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	66	%	EPA 8270Cm	-88	-88	51	112	
2012/13-5	Lab	method blank	6/16/2013	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2012/13-5	Lab	LCS	6/16/2013	Organic	4-Chloro-3-methylphenol	n/a	=	4.76	µg/L	EPA 8270Cm	0.37	1			EUM
2012/13-5	Lab	LCS, rec	6/16/2013	Organic	4-Chloro-3-methylphenol	n/a	=	48	%	EPA 8270Cm	-88	-88	51	112	EUM
2012/13-5	ME-CC	matrix spike	6/16/2013	Organic	4-Chloro-3-methylphenol	n/a	=	6.23	µg/L	EPA 8270Cm	0.37	1			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Organic	4-Chloro-3-methylphenol	n/a	=	62	%	EPA 8270Cm	-88	-88	39	121	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Organic	4-Chloro-3-methylphenol	n/a	=	5.84	µg/L	EPA 8270Cm	0.37	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Organic	4-Chloro-3-methylphenol	n/a	=	58	%	EPA 8270Cm	-88	-88	39	121	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Organic	4-Chloro-3-methylphenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	2.36	µg/L	EPA 8270Cm	0.37	1			GB
2012/13-5	MO-OJA	matrix spike, rec	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	24	%	EPA 8270Cm	-88	-88	39	121	GB
2012/13-5	MO-OJA	matrix spike dup	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	3.06	µg/L	EPA 8270Cm	0.37	1			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	31	%	EPA 8270Cm	-88	-88	39	121	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/10/2013	Organic	4-Chloro-3-methylphenol	n/a	=	26	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	29.1	µg/L	EPA 625	0.39	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	58	%	EPA 625	-88	-88	25	158	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	17	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.39	µg/L	EPA 625	0.39	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	34.6	µg/L	EPA 625	0.39	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	69	%	EPA 625	-88	-88	25	158	
2012/13-5	Lab	method blank	5/15/2013	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	28.5	µg/L	EPA 625	0.41	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	57	%	EPA 625	-88	-88	25	158	
2012/13-5	Lab	method blank	6/12/2013	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	28.5	µg/L	EPA 625	0.41	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	57	%	EPA 625	-88	-88	25	158	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	32.3	µg/L	EPA 625	0.41	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	65	%	EPA 625	-88	-88	25	158	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	36.6	µg/L	EPA 625	0.41	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	73	%	EPA 625	-88	-88	25	158	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	30.1	µg/L	EPA 625	0.41	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	60	%	EPA 625	-88	-88	25	158	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	33	µg/L	EPA 625	0.41	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	66	%	EPA 625	-88	-88	25	158	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS	5/10/2013	Organic	4-Nitrophenol	n/a	=	2.29	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	4-Nitrophenol	n/a	=	23	%	EPA 8270Cm	-88	-88	15	73	
2012/13-5	Lab	LCS dup	5/10/2013	Organic	4-Nitrophenol	n/a	DNQ	1.92	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS dup, rec	5/10/2013	Organic	4-Nitrophenol	n/a	=	19	%	EPA 8270Cm	-88	-88	15	73	
2012/13-5	Lab	LCS, RPD	5/10/2013	Organic	4-Nitrophenol	n/a	=	18	%	EPA 8270Cm	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	method blank	5/10/2013	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS	5/10/2013	Organic	4-Nitrophenol	n/a	=	2.71	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	4-Nitrophenol	n/a	=	27	%	EPA 8270Cm	-88	-88	15	73	
2012/13-5	Lab	method blank	6/16/2013	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS	6/16/2013	Organic	4-Nitrophenol	n/a	=	2.22	µg/L	EPA 8270Cm	1	2			
2012/13-5	Lab	LCS, rec	6/16/2013	Organic	4-Nitrophenol	n/a	=	22	%	EPA 8270Cm	-88	-88	15	73	
2012/13-5	ME-CC	matrix spike	6/16/2013	Organic	4-Nitrophenol	n/a	=	4.76	µg/L	EPA 8270Cm	1	2			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Organic	4-Nitrophenol	n/a	=	48	%	EPA 8270Cm	-88	-88	1	65	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Organic	4-Nitrophenol	n/a	=	4.88	µg/L	EPA 8270Cm	1	2			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Organic	4-Nitrophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	1	65	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Organic	4-Nitrophenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/10/2013	Organic	4-Nitrophenol	n/a	DNQ	1.61	µg/L	EPA 8270Cm	1	2			
2012/13-5	MO-OJA	matrix spike, rec	5/10/2013	Organic	4-Nitrophenol	n/a	=	16	%	EPA 8270Cm	-88	-88	1	65	
2012/13-5	MO-OJA	matrix spike dup	5/10/2013	Organic	4-Nitrophenol	n/a	DNQ	1.95	µg/L	EPA 8270Cm	1	2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/10/2013	Organic	4-Nitrophenol	n/a	=	20	%	EPA 8270Cm	-88	-88	1	65	
2012/13-5	MO-OJA	matrix spike, RPD	5/10/2013	Organic	4-Nitrophenol	n/a	=	19	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Acenaphthene	n/a	=	6.69	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Acenaphthene	n/a	=	67	%	EPA 8270Cm	-88	-88	47	145	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Acenaphthene	n/a	=	6.06	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Acenaphthene	n/a	=	61	%	EPA 8270Cm	-88	-88	47	145	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Acenaphthene	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Acenaphthene	n/a	=	7.11	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Acenaphthene	n/a	=	71	%	EPA 8270Cm	-88	-88	47	145	
2012/13-5	Lab	method blank	6/18/2013	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Acenaphthene	n/a	=	5.42	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Acenaphthene	n/a	=	54	%	EPA 8270Cm	-88	-88	47	145	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Acenaphthene	n/a	=	6.72	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Acenaphthene	n/a	=	67	%	EPA 8270Cm	-88	-88	47	145	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Acenaphthene	n/a	=	5.91	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Acenaphthene	n/a	=	59	%	EPA 8270Cm	-88	-88	47	145	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Acenaphthene	n/a	=	13	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Acenaphthene	n/a	=	2.49	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Acenaphthene	n/a	=	25	%	EPA 8270Cm	-88	-88	47	145	GB
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Acenaphthene	n/a	=	3.3	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Acenaphthene	n/a	=	33	%	EPA 8270Cm	-88	-88	47	145	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Acenaphthene	n/a	=	28	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Acenaphthylene	n/a	=	6.44	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Acenaphthylene	n/a	=	64	%	EPA 8270Cm	-88	-88	33	145	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Acenaphthylene	n/a	=	6	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Acenaphthylene	n/a	=	60	%	EPA 8270Cm	-88	-88	33	145	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Acenaphthylene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Acenaphthylene	n/a	=	7.4	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Acenaphthylene	n/a	=	74	%	EPA 8270Cm	-88	-88	33	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	
2012/13-5	Lab	method blank	6/18/2013	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Acenaphthylene	n/a	=	5.17	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Acenaphthylene	n/a	=	52	%	EPA 8270Cm	-88	-88	33	145	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Acenaphthylene	n/a	=	7.2	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Acenaphthylene	n/a	=	72	%	EPA 8270Cm	-88	-88	33	145	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Acenaphthylene	n/a	=	6.34	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Acenaphthylene	n/a	=	63	%	EPA 8270Cm	-88	-88	33	145	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Acenaphthylene	n/a	=	13	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Acenaphthylene	n/a	=	2.47	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Acenaphthylene	n/a	=	25	%	EPA 8270Cm	-88	-88	33	145	GB
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Acenaphthylene	n/a	=	3.21	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Acenaphthylene	n/a	=	32	%	EPA 8270Cm	-88	-88	33	145	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Acenaphthylene	n/a	=	26	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Anthracene	n/a	=	6.85	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Anthracene	n/a	=	69	%	EPA 8270Cm	-88	-88	27	133	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Anthracene	n/a	=	5.99	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Anthracene	n/a	=	60	%	EPA 8270Cm	-88	-88	27	133	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Anthracene	n/a	=	13	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Anthracene	n/a	=	7.51	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Anthracene	n/a	=	75	%	EPA 8270Cm	-88	-88	27	133	
2012/13-5	Lab	method blank	6/18/2013	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Anthracene	n/a	=	5.91	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Anthracene	n/a	=	59	%	EPA 8270Cm	-88	-88	27	133	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Anthracene	n/a	=	6.98	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Anthracene	n/a	=	70	%	EPA 8270Cm	-88	-88	27	133	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Anthracene	n/a	=	6.27	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Anthracene	n/a	=	63	%	EPA 8270Cm	-88	-88	27	133	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Anthracene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Anthracene	n/a	=	2.76	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Anthracene	n/a	=	28	%	EPA 8270Cm	-88	-88	27	133	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Anthracene	n/a	=	3.41	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Anthracene	n/a	=	34	%	EPA 8270Cm	-88	-88	27	133	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Anthracene	n/a	=	21	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Benz(a)anthracene	n/a	=	6.59	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Benz(a)anthracene	n/a	=	66	%	EPA 8270Cm	-88	-88	33	143	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Benz(a)anthracene	n/a	=	5.69	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Benz(a)anthracene	n/a	=	57	%	EPA 8270Cm	-88	-88	33	143	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Benz(a)anthracene	n/a	=	15	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Benz(a)anthracene	n/a	=	7.48	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Benz(a)anthracene	n/a	=	75	%	EPA 8270Cm	-88	-88	33	143	
2012/13-5	Lab	method blank	6/18/2013	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Benz(a)anthracene	n/a	=	5.6	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Benz(a)anthracene	n/a	=	56	%	EPA 8270Cm	-88	-88	33	143	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Benz(a)anthracene	n/a	=	7.27	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 8270Cm	-88	-88	33	143	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Benz(a)anthracene	n/a	=	6.53	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Benz(a)anthracene	n/a	=	65	%	EPA 8270Cm	-88	-88	33	143	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Benz(a)anthracene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Benz(a)anthracene	n/a	=	2.77	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Benz(a)anthracene	n/a	=	28	%	EPA 8270Cm	-88	-88	33	143	GB
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Benz(a)anthracene	n/a	=	3.51	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Benz(a)anthracene	n/a	=	35	%	EPA 8270Cm	-88	-88	33	143	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Benz(a)anthracene	n/a	=	23	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5			
2012/13-5	Lab	method blank	5/15/2013	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2012/13-5	Lab	method blank	6/12/2013	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2012/13-5	Lab	method blank	5/1/2013	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	Lab	LCS	5/1/2013	Organic	Benzo(a)pyrene	n/a	=	5.66	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 525.2	-88	-88	54	136	
2012/13-5	Lab	LCS dup	5/1/2013	Organic	Benzo(a)pyrene	n/a	=	6.75	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Organic	Benzo(a)pyrene	n/a	=	135	%	EPA 525.2	-88	-88	54	136	
2012/13-5	Lab	LCS, RPD	5/1/2013	Organic	Benzo(a)pyrene	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	Lab	LCS	5/3/2013	Organic	Benzo(a)pyrene	n/a	=	6.69	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Organic	Benzo(a)pyrene	n/a	=	134	%	EPA 525.2	-88	-88	54	136	
2012/13-5	Lab	method blank	6/11/2013	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	Lab	LCS	6/11/2013	Organic	Benzo(a)pyrene	n/a	=	5.41	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 525.2	-88	-88	54	136	
2012/13-5	ME-CC	matrix spike	6/11/2013	Organic	Benzo(a)pyrene	n/a	=	5.3	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Organic	Benzo(a)pyrene	n/a	=	106	%	EPA 525.2	-88	-88	29	153	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Organic	Benzo(a)pyrene	n/a	=	5.27	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 525.2	-88	-88	29	153	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Organic	Benzo(a)pyrene	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Organic	Benzo(a)pyrene	n/a	=	6.5	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Organic	Benzo(a)pyrene	n/a	=	130	%	EPA 525.2	-88	-88	29	153	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Organic	Benzo(a)pyrene	n/a	=	6.34	µg/L	EPA 525.2	0.07	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Organic	Benzo(a)pyrene	n/a	=	127	%	EPA 525.2	-88	-88	29	153	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	7.16	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	72	%	EPA 8270Cm	-88	-88	24	159	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	6.3	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	63	%	EPA 8270Cm	-88	-88	24	159	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	13	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	7.99	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	80	%	EPA 8270Cm	-88	-88	24	159	
2012/13-5	Lab	method blank	6/18/2013	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Benzo(b)fluoranthene	n/a	=	6.23	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Benzo(b)fluoranthene	n/a	=	62	%	EPA 8270Cm	-88	-88	24	159	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Benzo(b)fluoranthene	n/a	=	7.7	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Benzo(b)fluoranthene	n/a	=	77	%	EPA 8270Cm	-88	-88	24	159	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Benzo(b)fluoranthene	n/a	=	6.85	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Benzo(b)fluoranthene	n/a	=	68	%	EPA 8270Cm	-88	-88	24	159	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Benzo(b)fluoranthene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	3	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	30	%	EPA 8270Cm	-88	-88	24	159	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	3.66	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	37	%	EPA 8270Cm	-88	-88	24	159	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Benzo(b)fluoranthene	n/a	=	20	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	6.95	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	69	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	6.02	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	60	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	7.71	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	77	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-5	Lab	method blank	6/18/2013	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Benzo(g,h,i)perylene	n/a	=	5.54	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Benzo(g,h,i)perylene	n/a	=	55	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Benzo(g,h,i)perylene	n/a	=	7.27	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Benzo(g,h,i)perylene	n/a	=	73	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Benzo(g,h,i)perylene	n/a	=	6.4	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Benzo(g,h,i)perylene	n/a	=	64	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Benzo(g,h,i)perylene	n/a	=	13	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	2.89	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	29	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	3.54	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	35	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Benzo(g,h,i)perylene	n/a	=	20	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	6.84	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	68	%	EPA 8270Cm	-88	-88	11	162	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	5.96	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	60	%	EPA 8270Cm	-88	-88	11	162	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	7.57	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	76	%	EPA 8270Cm	-88	-88	11	162	
2012/13-5	Lab	method blank	6/18/2013	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Benzo(k)fluoranthene	n/a	=	5.6	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Benzo(k)fluoranthene	n/a	=	56	%	EPA 8270Cm	-88	-88	11	162	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Benzo(k)fluoranthene	n/a	=	7.48	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Benzo(k)fluoranthene	n/a	=	75	%	EPA 8270Cm	-88	-88	11	162	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Benzo(k)fluoranthene	n/a	=	6.36	µg/L	EPA 8270Cm	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Benzo(k)fluoranthene	n/a	=	64	%	EPA 8270Cm	-88	-88	11	162	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Benzo(k)fluoranthene	n/a	=	16	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	2.82	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	28	%	EPA 8270Cm	-88	-88	11	162	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	3.48	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	35	%	EPA 8270Cm	-88	-88	11	162	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Benzo(k)fluoranthene	n/a	=	21	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	35.2	µg/L	EPA 625	0.25	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	70	%	EPA 625	-88	-88	33	184	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	13	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	39.9	µg/L	EPA 625	0.25	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625	-88	-88	33	184	
2012/13-5	Lab	method blank	5/15/2013	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	32.1	µg/L	EPA 625	0.25	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	64	%	EPA 625	-88	-88	33	184	
2012/13-5	Lab	method blank	6/12/2013	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	35.6	µg/L	EPA 625	0.25	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	71	%	EPA 625	-88	-88	33	184	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	34.7	µg/L	EPA 625	0.25	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	69	%	EPA 625	-88	-88	33	184	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	42.9	µg/L	EPA 625	0.25	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	86	%	EPA 625	-88	-88	33	184	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	21	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	30.6	µg/L	EPA 625	0.25	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	61	%	EPA 625	-88	-88	33	184	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	37.2	µg/L	EPA 625	0.25	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	74	%	EPA 625	-88	-88	33	184	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	19	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	33.1	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	66	%	EPA 625	-88	-88	12	158	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	16	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	39	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	78	%	EPA 625	-88	-88	12	158	
2012/13-5	Lab	method blank	5/15/2013	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	29.4	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	59	%	EPA 625	-88	-88	12	158	
2012/13-5	Lab	method blank	6/12/2013	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	35.4	µg/L	EPA 625	0.27	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625	-88	-88	12	158	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	31.4	µg/L	EPA 625	0.27	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	63	%	EPA 625	-88	-88	12	158	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	43	µg/L	EPA 625	0.27	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	86	%	EPA 625	-88	-88	12	158	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	31	%	EPA 625	-88	-88	0	30	IL
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	28.2	µg/L	EPA 625	0.27	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	56	%	EPA 625	-88	-88	12	158	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	34.8	µg/L	EPA 625	0.27	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625	-88	-88	12	158	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	21	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	49.5	µg/L	EPA 625	0.38	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	99	%	EPA 625	-88	-88	36	166	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	58.4	µg/L	EPA 625	0.38	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	117	%	EPA 625	-88	-88	36	166	
2012/13-5	Lab	method blank	5/15/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	25	µg/L	EPA 625	0.38	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	50	%	EPA 625	-88	-88	36	166	
2012/13-5	Lab	method blank	6/12/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	37.5	µg/L	EPA 625	0.38	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625	-88	-88	36	166	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	34.3	µg/L	EPA 625	0.38	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	69	%	EPA 625	-88	-88	36	166	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	47.1	µg/L	EPA 625	0.38	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	94	%	EPA 625	-88	-88	36	166	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	31	%	EPA 625	-88	-88	0	30	IL
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	24.6	µg/L	EPA 625	0.38	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	49	%	EPA 625	-88	-88	36	166	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	29.6	µg/L	EPA 625	0.38	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	59	%	EPA 625	-88	-88	36	166	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/1/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2012/13-5	Lab	LCS	5/1/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.55	µg/L	EPA 525.2	0.1	5			
2012/13-5	Lab	LCS, rec	5/1/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	131	%	EPA 525.2	-88	-88	50	145	
2012/13-5	Lab	LCS dup	5/1/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	7.1	µg/L	EPA 525.2	0.1	5			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	142	%	EPA 525.2	-88	-88	50	145	
2012/13-5	Lab	LCS, RPD	5/1/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2012/13-5	Lab	LCS	5/3/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.76	µg/L	EPA 525.2	0.1	5			
2012/13-5	Lab	LCS, rec	5/3/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	135	%	EPA 525.2	-88	-88	50	145	
2012/13-5	Lab	method blank	6/11/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2012/13-5	Lab	LCS	6/11/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.15	µg/L	EPA 525.2	0.1	5			
2012/13-5	Lab	LCS, rec	6/11/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	123	%	EPA 525.2	-88	-88	50	145	
2012/13-5	ME-CC	matrix spike	6/11/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.53	µg/L	EPA 525.2	0.1	5			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	131	%	EPA 525.2	-88	-88	28	147	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.41	µg/L	EPA 525.2	0.1	5			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	128	%	EPA 525.2	-88	-88	28	147	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.98	µg/L	EPA 525.2	0.1	5			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	140	%	EPA 525.2	-88	-88	28	147	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.9	µg/L	EPA 525.2	0.1	5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	138	%	EPA 525.2	-88	-88	28	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	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/1/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2012/13-5	Lab	LCS	5/1/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.45	µg/L	EPA 525.2	1.1	3			
2012/13-5	Lab	LCS, rec	5/1/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	109	%	EPA 525.2	-88	-88	54	142	
2012/13-5	Lab	LCS dup	5/1/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.89	µg/L	EPA 525.2	1.1	3			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	118	%	EPA 525.2	-88	-88	54	142	
2012/13-5	Lab	LCS, RPD	5/1/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2012/13-5	Lab	LCS	5/3/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.52	µg/L	EPA 525.2	1.1	3			
2012/13-5	Lab	LCS, rec	5/3/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	110	%	EPA 525.2	-88	-88	54	142	
2012/13-5	Lab	method blank	6/11/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2012/13-5	Lab	LCS	6/11/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.8	µg/L	EPA 525.2	1.1	3			
2012/13-5	Lab	LCS, rec	6/11/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	96	%	EPA 525.2	-88	-88	54	142	
2012/13-5	ME-CC	matrix spike	6/11/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.43	µg/L	EPA 525.2	1.1	3			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	109	%	EPA 525.2	-88	-88	23	154	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.33	µg/L	EPA 525.2	1.1	3			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	107	%	EPA 525.2	-88	-88	23	154	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.51	µg/L	EPA 525.2	1.1	3			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	110	%	EPA 525.2	-88	-88	23	154	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.29	µg/L	EPA 525.2	1.1	3			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	23	154	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Butyl benzyl phthalate	n/a	=	34	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Butyl benzyl phthalate	n/a	=	68	%	EPA 625	-88	-88	0.1	152	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Butyl benzyl phthalate	n/a	=	17	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Butyl benzyl phthalate	n/a	DNQ	0.44	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Butyl benzyl phthalate	n/a	=	40.1	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Butyl benzyl phthalate	n/a	=	80	%	EPA 625	-88	-88	0.1	152	
2012/13-5	Lab	method blank	5/15/2013	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Butyl benzyl phthalate	n/a	=	32.5	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Butyl benzyl phthalate	n/a	=	65	%	EPA 625	-88	-88	0.1	152	
2012/13-5	Lab	method blank	6/12/2013	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Butyl benzyl phthalate	n/a	=	27	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Butyl benzyl phthalate	n/a	=	54	%	EPA 625	-88	-88	0.1	152	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Butyl benzyl phthalate	n/a	=	31.7	µg/L	EPA 625	0.18	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Butyl benzyl phthalate	n/a	=	63	%	EPA 625	-88	-88	0.1	152	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Butyl benzyl phthalate	n/a	=	36	µg/L	EPA 625	0.18	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Butyl benzyl phthalate	n/a	=	72	%	EPA 625	-88	-88	0.1	152	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Butyl benzyl phthalate	n/a	=	13	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Butyl benzyl phthalate	n/a	=	34.5	µg/L	EPA 625	0.18	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Butyl benzyl phthalate	n/a	=	69	%	EPA 625	-88	-88	0.1	152	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Butyl benzyl phthalate	n/a	=	36.8	µg/L	EPA 625	0.18	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Butyl benzyl phthalate	n/a	=	74	%	EPA 625	-88	-88	0.1	152	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Butyl benzyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Chrysene	n/a	=	7.24	µg/L	EPA 8270Cm	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Chrysene	n/a	=	72	%	EPA 8270Cm	-88	-88	17	168	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Chrysene	n/a	=	6.3	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Chrysene	n/a	=	63	%	EPA 8270Cm	-88	-88	17	168	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Chrysene	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Chrysene	n/a	=	7.94	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Chrysene	n/a	=	79	%	EPA 8270Cm	-88	-88	17	168	
2012/13-5	Lab	method blank	6/18/2013	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Chrysene	n/a	=	6.09	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Chrysene	n/a	=	61	%	EPA 8270Cm	-88	-88	17	168	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Chrysene	n/a	=	7.55	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Chrysene	n/a	=	75	%	EPA 8270Cm	-88	-88	17	168	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Chrysene	n/a	=	6.55	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Chrysene	n/a	=	66	%	EPA 8270Cm	-88	-88	17	168	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Chrysene	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Chrysene	n/a	=	2.87	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Chrysene	n/a	=	29	%	EPA 8270Cm	-88	-88	17	168	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Chrysene	n/a	=	3.47	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Chrysene	n/a	=	35	%	EPA 8270Cm	-88	-88	17	168	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Chrysene	n/a	=	19	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	7.05	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	71	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	6.12	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	61	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	8.29	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	83	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-5	Lab	method blank	6/18/2013	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Dibenz(a,h)anthracene	n/a	=	5.48	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Dibenz(a,h)anthracene	n/a	=	55	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Dibenz(a,h)anthracene	n/a	=	7.35	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Dibenz(a,h)anthracene	n/a	=	74	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Dibenz(a,h)anthracene	n/a	=	6.52	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Dibenz(a,h)anthracene	n/a	=	65	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Dibenz(a,h)anthracene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	3.13	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	31	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	3.82	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	38	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Dibenz(a,h)anthracene	n/a	=	20	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Diethyl phthalate	n/a	=	32	µg/L	EPA 625	0.15	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Diethyl phthalate	n/a	=	64	%	EPA 625	-88	-88	0.1	114	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Diethyl phthalate	n/a	=	14	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Diethyl phthalate	n/a	=	36.8	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	
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Diethyl phthalate	n/a	=	74	%	EPA 625	-88	-88	0.1	114	
2012/13-5	Lab	method blank	5/15/2013	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Diethyl phthalate	n/a	=	29.9	µg/L	EPA 625	0.15	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Diethyl phthalate	n/a	=	60	%	EPA 625	-88	-88	0.1	114	
2012/13-5	Lab	method blank	6/12/2013	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Diethyl phthalate	n/a	=	31.5	µg/L	EPA 625	0.15	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Diethyl phthalate	n/a	=	63	%	EPA 625	-88	-88	0.1	114	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Diethyl phthalate	n/a	=	36	µg/L	EPA 625	0.15	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Diethyl phthalate	n/a	=	71	%	EPA 625	-88	-88	0.1	114	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Diethyl phthalate	n/a	=	40	µg/L	EPA 625	0.15	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Diethyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	114	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Diethyl phthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Diethyl phthalate	n/a	=	32.2	µg/L	EPA 625	0.15	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Diethyl phthalate	n/a	=	63	%	EPA 625	-88	-88	0.1	114	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Diethyl phthalate	n/a	=	34.8	µg/L	EPA 625	0.15	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Diethyl phthalate	n/a	=	68	%	EPA 625	-88	-88	0.1	114	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Dimethyl phthalate	n/a	=	28.6	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Dimethyl phthalate	n/a	=	57	%	EPA 625	-88	-88	0.1	112	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Dimethyl phthalate	n/a	=	15	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Dimethyl phthalate	n/a	=	33.4	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Dimethyl phthalate	n/a	=	67	%	EPA 625	-88	-88	0.1	112	
2012/13-5	Lab	method blank	5/15/2013	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Dimethyl phthalate	n/a	=	30	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Dimethyl phthalate	n/a	=	60	%	EPA 625	-88	-88	0.1	112	
2012/13-5	Lab	method blank	6/12/2013	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Dimethyl phthalate	n/a	=	32.8	µg/L	EPA 625	0.18	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Dimethyl phthalate	n/a	=	66	%	EPA 625	-88	-88	0.1	112	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Dimethyl phthalate	n/a	=	37.5	µg/L	EPA 625	0.18	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Dimethyl phthalate	n/a	=	75	%	EPA 625	-88	-88	0.1	112	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Dimethyl phthalate	n/a	=	42	µg/L	EPA 625	0.18	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Dimethyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	112	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Dimethyl phthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Dimethyl phthalate	n/a	=	31.6	µg/L	EPA 625	0.18	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Dimethyl phthalate	n/a	=	63	%	EPA 625	-88	-88	0.1	112	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Dimethyl phthalate	n/a	=	34.3	µg/L	EPA 625	0.18	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Dimethyl phthalate	n/a	=	69	%	EPA 625	-88	-88	0.1	112	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Dimethyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Di-n-butylphthalate	n/a	=	33.6	µg/L	EPA 625	0.24	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Di-n-butylphthalate	n/a	=	67	%	EPA 625	-88	-88	1	118	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Di-n-butylphthalate	n/a	=	17	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Di-n-butylphthalate	n/a	=	40	µg/L	EPA 625	0.24	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Di-n-butylphthalate	n/a	=	80	%	EPA 625	-88	-88	1	118	
2012/13-5	Lab	method blank	5/15/2013	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Di-n-butylphthalate	n/a	=	31.3	µg/L	EPA 625	0.24	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Di-n-butylphthalate	n/a	=	63	%	EPA 625	-88	-88	1	118	
2012/13-5	Lab	method blank	6/12/2013	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Di-n-butylphthalate	n/a	=	36.4	µg/L	EPA 625	0.24	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Di-n-butylphthalate	n/a	=	73	%	EPA 625	-88	-88	1	118	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Di-n-butylphthalate	n/a	=	40.9	µg/L	EPA 625	0.24	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Di-n-butylphthalate	n/a	=	82	%	EPA 625	-88	-88	1	118	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Di-n-butylphthalate	n/a	=	44.6	µg/L	EPA 625	0.24	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Di-n-butylphthalate	n/a	=	89	%	EPA 625	-88	-88	1	118	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Di-n-butylphthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Di-n-butylphthalate	n/a	=	32.8	µg/L	EPA 625	0.24	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Di-n-butylphthalate	n/a	=	66	%	EPA 625	-88	-88	1	118	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Di-n-butylphthalate	n/a	=	35.4	µg/L	EPA 625	0.24	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Di-n-butylphthalate	n/a	=	71	%	EPA 625	-88	-88	1	118	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Di-n-butylphthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Di-n-octylphthalate	n/a	=	32.4	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Di-n-octylphthalate	n/a	=	65	%	EPA 625	-88	-88	4	146	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Di-n-octylphthalate	n/a	=	27	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Di-n-octylphthalate	n/a	=	42.7	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Di-n-octylphthalate	n/a	=	85	%	EPA 625	-88	-88	4	146	
2012/13-5	Lab	method blank	5/15/2013	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Di-n-octylphthalate	n/a	=	56.7	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Di-n-octylphthalate	n/a	=	113	%	EPA 625	-88	-88	4	146	
2012/13-5	Lab	method blank	6/12/2013	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Di-n-octylphthalate	n/a	=	23.5	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Di-n-octylphthalate	n/a	=	47	%	EPA 625	-88	-88	4	146	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Di-n-octylphthalate	n/a	=	27.6	µg/L	EPA 625	0.19	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Di-n-octylphthalate	n/a	=	55	%	EPA 625	-88	-88	4	146	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Di-n-octylphthalate	n/a	=	31.8	µg/L	EPA 625	0.19	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Di-n-octylphthalate	n/a	=	64	%	EPA 625	-88	-88	4	146	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Di-n-octylphthalate	n/a	=	14	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Di-n-octylphthalate	n/a	=	61	µg/L	EPA 625	0.19	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Di-n-octylphthalate	n/a	=	122	%	EPA 625	-88	-88	4	146	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Di-n-octylphthalate	n/a	=	65.7	µg/L	EPA 625	0.19	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Di-n-octylphthalate	n/a	=	131	%	EPA 625	-88	-88	4	146	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Di-n-octylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Fluoranthene	n/a	=	6.54	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Fluoranthene	n/a	=	65	%	EPA 8270Cm	-88	-88	26	137	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Fluoranthene	n/a	=	5.74	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Fluoranthene	n/a	=	57	%	EPA 8270Cm	-88	-88	26	137	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Fluoranthene	n/a	=	13	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Fluoranthene	n/a	=	7.35	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Fluoranthene	n/a	=	73	%	EPA 8270Cm	-88	-88	26	137	
2012/13-5	Lab	method blank	6/18/2013	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Fluoranthene	n/a	=	5.64	µg/L	EPA 8270Cm	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Fluoranthene	n/a	=	56	%	EPA 8270Cm	-88	-88	26	137	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Fluoranthene	n/a	=	7.28	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Fluoranthene	n/a	=	73	%	EPA 8270Cm	-88	-88	26	137	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Fluoranthene	n/a	=	6.5	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Fluoranthene	n/a	=	65	%	EPA 8270Cm	-88	-88	26	137	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Fluoranthene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Fluoranthene	n/a	=	2.68	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Fluoranthene	n/a	=	27	%	EPA 8270Cm	-88	-88	26	137	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Fluoranthene	n/a	=	3.37	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Fluoranthene	n/a	=	34	%	EPA 8270Cm	-88	-88	26	137	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Fluoranthene	n/a	=	23	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Fluorene	n/a	=	7.12	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Fluorene	n/a	=	71	%	EPA 8270Cm	-88	-88	59	121	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Fluorene	n/a	=	6.31	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Fluorene	n/a	=	63	%	EPA 8270Cm	-88	-88	59	121	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Fluorene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Fluorene	n/a	=	7.95	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Fluorene	n/a	=	79	%	EPA 8270Cm	-88	-88	59	121	
2012/13-5	Lab	method blank	6/18/2013	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Fluorene	n/a	=	5.61	µg/L	EPA 8270Cm	0.1	0.1			EUM
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Fluorene	n/a	=	56	%	EPA 8270Cm	-88	-88	59	121	EUM
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Fluorene	n/a	=	7.46	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Fluorene	n/a	=	75	%	EPA 8270Cm	-88	-88	59	121	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Fluorene	n/a	=	6.67	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Fluorene	n/a	=	67	%	EPA 8270Cm	-88	-88	59	121	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Fluorene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Fluorene	n/a	=	2.61	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Fluorene	n/a	=	26	%	EPA 8270Cm	-88	-88	59	121	GB
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Fluorene	n/a	=	3.48	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Fluorene	n/a	=	35	%	EPA 8270Cm	-88	-88	59	121	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Fluorene	n/a	=	29	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Hexachlorobenzene	n/a	=	31	µg/L	EPA 625	0.35	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Hexachlorobenzene	n/a	=	62	%	EPA 625	-88	-88	0.1	152	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Hexachlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Hexachlorobenzene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Hexachlorobenzene	n/a	=	36.2	µg/L	EPA 625	0.35	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Hexachlorobenzene	n/a	=	72	%	EPA 625	-88	-88	0.1	152	
2012/13-5	Lab	method blank	5/15/2013	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Hexachlorobenzene	n/a	=	29.9	µg/L	EPA 625	0.49	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Hexachlorobenzene	n/a	=	60	%	EPA 625	-88	-88	0.1	152	
2012/13-5	Lab	method blank	6/12/2013	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Hexachlorobenzene	n/a	=	31.3	µg/L	EPA 625	0.49	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Hexachlorobenzene	n/a	=	63	%	EPA 625	-88	-88	0.1	152	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Hexachlorobenzene	n/a	=	35.8	µg/L	EPA 625	0.49	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Hexachlorobenzene	n/a	=	72	%	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	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Hexachlorobenzene	n/a	=	39	µg/L	EPA 625	0.49	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Hexachlorobenzene	n/a	=	78	%	EPA 625	-88	-88	0.1	152	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Hexachlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Hexachlorobenzene	n/a	=	31.2	µg/L	EPA 625	0.49	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Hexachlorobenzene	n/a	=	62	%	EPA 625	-88	-88	0.1	152	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Hexachlorobenzene	n/a	=	34.1	µg/L	EPA 625	0.49	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Hexachlorobenzene	n/a	=	68	%	EPA 625	-88	-88	0.1	152	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Hexachlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Hexachlorobutadiene	n/a	=	25.6	µg/L	EPA 625	0.47	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Hexachlorobutadiene	n/a	=	51	%	EPA 625	-88	-88	24	116	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Hexachlorobutadiene	n/a	=	34	%	EPA 625	-88	-88	0	30	IL
2012/13-5	Lab	method blank	5/6/2013	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Hexachlorobutadiene	n/a	=	36.1	µg/L	EPA 625	0.47	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	24	116	
2012/13-5	Lab	method blank	5/15/2013	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Hexachlorobutadiene	n/a	=	30.6	µg/L	EPA 625	0.47	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Hexachlorobutadiene	n/a	=	61	%	EPA 625	-88	-88	24	116	
2012/13-5	Lab	method blank	6/12/2013	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Hexachlorobutadiene	n/a	=	32.2	µg/L	EPA 625	0.47	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Hexachlorobutadiene	n/a	=	64	%	EPA 625	-88	-88	24	116	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Hexachlorobutadiene	n/a	=	31.9	µg/L	EPA 625	0.47	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Hexachlorobutadiene	n/a	=	64	%	EPA 625	-88	-88	24	116	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Hexachlorobutadiene	n/a	=	43.5	µg/L	EPA 625	0.47	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Hexachlorobutadiene	n/a	=	87	%	EPA 625	-88	-88	24	116	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Hexachlorobutadiene	n/a	=	31	%	EPA 625	-88	-88	0	30	IL
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Hexachlorobutadiene	n/a	=	30.7	µg/L	EPA 625	0.47	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Hexachlorobutadiene	n/a	=	61	%	EPA 625	-88	-88	24	116	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Hexachlorobutadiene	n/a	=	36.4	µg/L	EPA 625	0.47	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Hexachlorobutadiene	n/a	=	73	%	EPA 625	-88	-88	24	116	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Hexachlorobutadiene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	19.6	µg/L	EPA 625	1.5	5			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	39	%	EPA 625	-88	-88	0.1	81	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2012/13-5	Lab	LCS	5/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	17.2	µg/L	EPA 625	1.5	5			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	34	%	EPA 625	-88	-88	0.1	81	
2012/13-5	Lab	method blank	5/15/2013	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2012/13-5	Lab	LCS	5/15/2013	Organic	Hexachlorocyclopentadiene	n/a	=	22	µg/L	EPA 625	1.5	5			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Hexachlorocyclopentadiene	n/a	=	44	%	EPA 625	-88	-88	0.1	81	
2012/13-5	Lab	method blank	6/12/2013	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2012/13-5	Lab	LCS	6/12/2013	Organic	Hexachlorocyclopentadiene	n/a	=	22.1	µg/L	EPA 625	1.5	5			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Hexachlorocyclopentadiene	n/a	=	44	%	EPA 625	-88	-88	0.1	81	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Hexachlorocyclopentadiene	n/a	=	28.2	µg/L	EPA 625	1.5	5			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Hexachlorocyclopentadiene	n/a	=	56	%	EPA 625	-88	-88	10	80	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Hexachlorocyclopentadiene	n/a	=	34.4	µg/L	EPA 625	1.5	5			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Hexachlorocyclopentadiene	n/a	=	69	%	EPA 625	-88	-88	10	80	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Hexachlorocyclopentadiene	n/a	=	20	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Hexachlorocyclopentadiene	n/a	=	21.3	µg/L	EPA 625	1.5	5			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Hexachlorocyclopentadiene	n/a	=	43	%	EPA 625	-88	-88	10	80	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Hexachlorocyclopentadiene	n/a	=	24.7	µg/L	EPA 625	1.5	5			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Hexachlorocyclopentadiene	n/a	=	49	%	EPA 625	-88	-88	10	80	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Hexachlorocyclopentadiene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Hexachloroethane	n/a	=	22.9	µg/L	EPA 625	0.51	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Hexachloroethane	n/a	=	46	%	EPA 625	-88	-88	40	113	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Hexachloroethane	n/a	=	34	%	EPA 625	-88	-88	0	30	IL
2012/13-5	Lab	method blank	5/6/2013	Organic	Hexachloroethane	n/a	<	0.51	µg/L	EPA 625	0.51	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Hexachloroethane	n/a	=	32.4	µg/L	EPA 625	0.51	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Hexachloroethane	n/a	=	65	%	EPA 625	-88	-88	40	113	
2012/13-5	Lab	method blank	5/15/2013	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Hexachloroethane	n/a	=	24.9	µg/L	EPA 625	0.52	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Hexachloroethane	n/a	=	50	%	EPA 625	-88	-88	40	113	
2012/13-5	Lab	method blank	6/12/2013	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Hexachloroethane	n/a	=	28.4	µg/L	EPA 625	0.52	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Hexachloroethane	n/a	=	57	%	EPA 625	-88	-88	40	113	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Hexachloroethane	n/a	=	26	µg/L	EPA 625	0.52	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Hexachloroethane	n/a	=	52	%	EPA 625	-88	-88	40	113	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Hexachloroethane	n/a	=	37.8	µg/L	EPA 625	0.52	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Hexachloroethane	n/a	=	76	%	EPA 625	-88	-88	40	113	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Hexachloroethane	n/a	=	37	%	EPA 625	-88	-88	0	30	IL
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Hexachloroethane	n/a	=	25.2	µg/L	EPA 625	0.52	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Hexachloroethane	n/a	=	50	%	EPA 625	-88	-88	40	113	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Hexachloroethane	n/a	=	30	µg/L	EPA 625	0.52	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Hexachloroethane	n/a	=	60	%	EPA 625	-88	-88	40	113	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Hexachloroethane	n/a	=	17	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.72	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	67	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.81	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	58	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.91	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	79	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-5	Lab	method blank	6/18/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.25	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	52	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.25	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	73	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.49	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	65	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2.97	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	30	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3.6	µg/L	EPA 8270Cm	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	36	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Isophorone	n/a	=	32.1	µg/L	EPA 625	0.21	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Isophorone	n/a	=	64	%	EPA 625	-88	-88	21	196	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Isophorone	n/a	=	13	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Isophorone	n/a	=	36.6	µg/L	EPA 625	0.21	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Isophorone	n/a	=	73	%	EPA 625	-88	-88	21	196	
2012/13-5	Lab	method blank	5/15/2013	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Isophorone	n/a	=	28.3	µg/L	EPA 625	0.21	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Isophorone	n/a	=	57	%	EPA 625	-88	-88	21	196	
2012/13-5	Lab	method blank	6/12/2013	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Isophorone	n/a	=	32.8	µg/L	EPA 625	0.21	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Isophorone	n/a	=	66	%	EPA 625	-88	-88	21	196	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Isophorone	n/a	=	32.1	µg/L	EPA 625	0.21	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Isophorone	n/a	=	64	%	EPA 625	-88	-88	21	196	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Isophorone	n/a	=	39.5	µg/L	EPA 625	0.21	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Isophorone	n/a	=	79	%	EPA 625	-88	-88	21	196	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Isophorone	n/a	=	21	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Isophorone	n/a	=	28.3	µg/L	EPA 625	0.21	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Isophorone	n/a	=	57	%	EPA 625	-88	-88	21	196	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Isophorone	n/a	=	32.7	µg/L	EPA 625	0.21	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Isophorone	n/a	=	65	%	EPA 625	-88	-88	21	196	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Isophorone	n/a	=	14	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS	4/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	50.6	µg/L	EPA 624	0.25	1			
2012/13-5	Lab	LCS, rec	4/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	101	%	EPA 624	-88	-88	80	128	
2012/13-5	Lab	LCS dup	4/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	52.4	µg/L	EPA 624	0.25	1			
2012/13-5	Lab	LCS dup, rec	4/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	105	%	EPA 624	-88	-88	80	128	
2012/13-5	Lab	LCS, RPD	4/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	3	%	EPA 624	-88	-88	0	25	
2012/13-5	Lab	method blank	4/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2012/13-5	Lab	LCS	5/1/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	58.9	µg/L	EPA 624	0.25	1			
2012/13-5	Lab	LCS, rec	5/1/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	118	%	EPA 624	-88	-88	80	128	
2012/13-5	Lab	LCS dup	5/1/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	58.9	µg/L	EPA 624	0.25	1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	118	%	EPA 624	-88	-88	80	128	
2012/13-5	Lab	LCS, RPD	5/1/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.1	%	EPA 624	-88	-88	0	25	
2012/13-5	Lab	method blank	5/1/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2012/13-5	Lab	LCS	5/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.63	µg/L	EPA 524.2	0.19	2			
2012/13-5	Lab	LCS, rec	5/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2012/13-5	Lab	LCS dup	5/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.63	µg/L	EPA 524.2	0.19	2			
2012/13-5	Lab	LCS dup, rec	5/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	94	%	EPA 524.2	-88	-88	70	130	
2012/13-5	Lab	LCS, RPD	5/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0	%	EPA 524.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/24/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2012/13-5	Lab	method blank	5/11/2013	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Naphthalene	n/a	=	6.28	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Naphthalene	n/a	=	63	%	EPA 8270Cm	-88	-88	21	133	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Naphthalene	n/a	=	5.91	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Naphthalene	n/a	=	59	%	EPA 8270Cm	-88	-88	21	133	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Naphthalene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Naphthalene	n/a	=	6.36	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Naphthalene	n/a	=	64	%	EPA 8270Cm	-88	-88	21	133	
2012/13-5	Lab	method blank	6/18/2013	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Naphthalene	n/a	=	5.12	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Naphthalene	n/a	=	51	%	EPA 8270Cm	-88	-88	21	133	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Naphthalene	n/a	=	6.86	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Naphthalene	n/a	=	69	%	EPA 8270Cm	-88	-88	21	133	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Naphthalene	n/a	=	5.96	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Naphthalene	n/a	=	60	%	EPA 8270Cm	-88	-88	21	133	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Naphthalene	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Naphthalene	n/a	=	2.36	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Naphthalene	n/a	=	24	%	EPA 8270Cm	-88	-88	21	133	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Naphthalene	n/a	=	3.21	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Naphthalene	n/a	=	32	%	EPA 8270Cm	-88	-88	21	133	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Naphthalene	n/a	=	31	%	EPA 8270Cm	-88	-88	0	30	IL
2012/13-5	Lab	LCS dup	5/6/2013	Organic	Nitrobenzene	n/a	=	30.2	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	Nitrobenzene	n/a	=	60	%	EPA 625	-88	-88	35	180	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	Nitrobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	Nitrobenzene	n/a	=	35.6	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	Nitrobenzene	n/a	=	71	%	EPA 625	-88	-88	35	180	
2012/13-5	Lab	method blank	5/15/2013	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	Nitrobenzene	n/a	=	29.8	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	Nitrobenzene	n/a	=	60	%	EPA 625	-88	-88	35	180	
2012/13-5	Lab	method blank	6/12/2013	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	Nitrobenzene	n/a	=	34.6	µg/L	EPA 625	0.36	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	Nitrobenzene	n/a	=	69	%	EPA 625	-88	-88	35	180	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	Nitrobenzene	n/a	=	33.1	µg/L	EPA 625	0.36	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	Nitrobenzene	n/a	=	66	%	EPA 625	-88	-88	35	180	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	Nitrobenzene	n/a	=	45.5	µg/L	EPA 625	0.36	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	Nitrobenzene	n/a	=	91	%	EPA 625	-88	-88	35	180	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	Nitrobenzene	n/a	=	32	%	EPA 625	-88	-88	0	30	IL
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	Nitrobenzene	n/a	=	27.4	µg/L	EPA 625	0.36	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	Nitrobenzene	n/a	=	55	%	EPA 625	-88	-88	35	180	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	Nitrobenzene	n/a	=	36.1	µg/L	EPA 625	0.36	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	Nitrobenzene	n/a	=	72	%	EPA 625	-88	-88	35	180	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	Nitrobenzene	n/a	=	27	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	srgt LCS dup	5/6/2013	Organic	Nitrobenzene-d5	n/a	=	31.1	µg/L	EPA 625	-88	-88			GN
2012/13-5	Lab	srgt LCS dup, rec	5/6/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	71	126	GN
2012/13-5	Lab	srgt method blank	5/6/2013	Organic	Nitrobenzene-d5	n/a	=	34.1	µg/L	EPA 625	-88	-88			GN
2012/13-5	Lab	srgt method blank, rec	5/6/2013	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	71	126	GN
2012/13-5	Lab	srgt LCS	5/6/2013	Organic	Nitrobenzene-d5	n/a	=	36.4	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/6/2013	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625	-88	-88	71	126	
2012/13-5	Lab	srgt method blank	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	2.39	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	Lab	srgt method blank, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 8270Cm	-88	-88	51	143	GN

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	srgt LCS	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	3.12	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	Lab	srgt LCS dup	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	2.93	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	Lab	srgt method blank	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	2.66	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	Lab	srgt LCS	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	3.1	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	Lab	srgt method blank	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	31.5	µg/L	EPA 625	-88	-88			GN
2012/13-5	Lab	srgt method blank, rec	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625	-88	-88	71	126	GN
2012/13-5	Lab	srgt LCS	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	28.8	µg/L	EPA 625	-88	-88			GN
2012/13-5	Lab	srgt LCS, rec	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 625	-88	-88	71	126	GN
2012/13-5	Lab	srgt method blank	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	33.3	µg/L	EPA 625	-88	-88			GN
2012/13-5	Lab	srgt method blank, rec	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	71	126	GN
2012/13-5	Lab	srgt LCS	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	34.8	µg/L	EPA 625	-88	-88			GN
2012/13-5	Lab	srgt LCS, rec	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 625	-88	-88	71	126	GN
2012/13-5	Lab	srgt method blank	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	2.93	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	Lab	srgt LCS	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	2.59	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	52	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	ME-CC	srgt matrix spike	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	31.5	µg/L	EPA 625	-88	-88			GN
2012/13-5	ME-CC	srgt matrix spike, rec	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625	-88	-88	71	126	GN
2012/13-5	ME-CC	srgt matrix spike dup	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	41.9	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625	-88	-88	71	126	
2012/13-5	ME-CC	srgt environ	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	41.4	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	71	126	
2012/13-5	ME-CC	srgt matrix spike	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	4.08	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	ME-CC	srgt matrix spike dup	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	3.33	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	ME-CC	srgt environ	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	3.23	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	ME-SCR	srgt environ	5/6/2013	Organic	Nitrobenzene-d5	n/a	=	26	µg/L	EPA 625	-88	-88			GN
2012/13-5	ME-SCR	srgt environ, rec	5/6/2013	Organic	Nitrobenzene-d5	n/a	=	52	%	EPA 625	-88	-88	71	126	GN
2012/13-5	ME-SCR	srgt environ	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	2.69	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	ME-VR2	srgt environ	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	2.98	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	ME-VR2	srgt environ	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	26.8	µg/L	EPA 625	-88	-88			GN
2012/13-5	ME-VR2	srgt environ, rec	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625	-88	-88	71	126	GN
2012/13-5	MO-CAM	srgt environ	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	26.3	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-CAM	srgt environ, rec	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 625	-88	-88	71	126	GN
2012/13-5	MO-CAM	srgt environ	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	2.81	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	MO-FIL	srgt environ	5/7/2013	Organic	Nitrobenzene-d5	n/a	=	31.8	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-FIL	srgt environ, rec	5/7/2013	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	71	126	GN
2012/13-5	MO-FIL	srgt environ	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	3.46	µg/L	EPA 8270Cm	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-FIL	srgt environ, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	MO-HUE	srgt environ	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	3.1	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	MO-HUE	srgt environ	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	33.4	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-HUE	srgt environ, rec	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	71	126	GN
2012/13-5	MO-OJA	srgt matrix spike	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	1.07	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	51	143	GN
2012/13-5	MO-OJA	srgt matrix spike dup	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	1.82	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	36	%	EPA 8270Cm	-88	-88	51	143	GN
2012/13-5	MO-OJA	srgt environ	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	2.59	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	52	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	MO-OJA	srgt matrix spike	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	28.3	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike, rec	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625	-88	-88	71	126	GN
2012/13-5	MO-OJA	srgt matrix spike dup	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	33.5	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	71	126	GN
2012/13-5	MO-OJA	srgt environ	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	31	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-OJA	srgt environ, rec	5/15/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	71	126	GN
2012/13-5	MO-OXN	srgt environ	5/7/2013	Organic	Nitrobenzene-d5	n/a	=	25.7	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-OXN	srgt environ, rec	5/7/2013	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 625	-88	-88	71	126	GN
2012/13-5	MO-OXN	srgt environ	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	2.44	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-OXN	srgt environ, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	49	%	EPA 8270Cm	-88	-88	51	143	GN
2012/13-5	MO-SIM	srgt environ	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	38.3	µg/L	EPA 625	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	71	126	
2012/13-5	MO-SIM	srgt environ	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	3.38	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	MO-THO	srgt environ	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	34.5	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-THO	srgt environ, rec	6/12/2013	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	71	126	GN
2012/13-5	MO-THO	srgt environ	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	3.21	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/18/2013	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 8270Cm	-88	-88	51	143	
2012/13-5	MO-VEN	srgt environ	5/7/2013	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 625	-88	-88			GN
2012/13-5	MO-VEN	srgt environ, rec	5/7/2013	Organic	Nitrobenzene-d5	n/a	=	36	%	EPA 625	-88	-88	71	126	GN
2012/13-5	MO-VEN	srgt environ	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	1.67	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-VEN	srgt environ, rec	5/11/2013	Organic	Nitrobenzene-d5	n/a	=	33	%	EPA 8270Cm	-88	-88	51	143	GN
2012/13-5	Lab	LCS dup	5/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	18.4	µg/L	EPA 625	0.14	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	37	%	EPA 625	-88	-88	15	59	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	33	%	EPA 625	-88	-88	0	30	IL
2012/13-5	Lab	method blank	5/6/2013	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	25.8	µg/L	EPA 625	0.14	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	52	%	EPA 625	-88	-88	15	59	
2012/13-5	Lab	method blank	5/15/2013	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	N-Nitrosodimethylamine	n/a	=	15	µg/L	EPA 625	0.14	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	N-Nitrosodimethylamine	n/a	=	30	%	EPA 625	-88	-88	15	59	
2012/13-5	Lab	method blank	6/12/2013	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	N-Nitrosodimethylamine	n/a	=	18.4	µg/L	EPA 625	0.14	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	N-Nitrosodimethylamine	n/a	=	37	%	EPA 625	-88	-88	15	59	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	N-Nitrosodimethylamine	n/a	=	15	µg/L	EPA 625	0.14	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	N-Nitrosodimethylamine	n/a	=	30	%	EPA 625	-88	-88	15	57	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	N-Nitrosodimethylamine	n/a	=	22.7	µg/L	EPA 625	0.14	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625	-88	-88	15	57	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	N-Nitrosodimethylamine	n/a	=	41	%	EPA 625	-88	-88	0	30	IL
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	N-Nitrosodimethylamine	n/a	=	13.4	µg/L	EPA 625	0.14	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	N-Nitrosodimethylamine	n/a	=	27	%	EPA 625	-88	-88	15	57	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	N-Nitrosodimethylamine	n/a	=	17.2	µg/L	EPA 625	0.14	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	N-Nitrosodimethylamine	n/a	=	34	%	EPA 625	-88	-88	15	57	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	N-Nitrosodimethylamine	n/a	=	24	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	31.8	µg/L	EPA 625	0.26	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	64	%	EPA 625	-88	-88	0.1	230	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	19	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	38.3	µg/L	EPA 625	0.26	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	77	%	EPA 625	-88	-88	0.1	230	
2012/13-5	Lab	method blank	5/15/2013	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	31.9	µg/L	EPA 625	0.26	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	64	%	EPA 625	-88	-88	0.1	230	
2012/13-5	Lab	method blank	6/12/2013	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	34.3	µg/L	EPA 625	0.26	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	69	%	EPA 625	-88	-88	0.1	230	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	33.6	µg/L	EPA 625	0.26	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	67	%	EPA 625	-88	-88	0.1	230	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	43.9	µg/L	EPA 625	0.26	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	88	%	EPA 625	-88	-88	0.1	230	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	27	%	EPA 625	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	29.2	µg/L	EPA 625	0.26	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	58	%	EPA 625	-88	-88	0.1	230	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	37.4	µg/L	EPA 625	0.26	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	75	%	EPA 625	-88	-88	0.1	230	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	25	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	LCS dup	5/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	25.9	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS dup, rec	5/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	52	%	EPA 625	-88	-88	42	90	
2012/13-5	Lab	LCS, RPD	5/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	13	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	method blank	5/6/2013	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS	5/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	29.6	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS, rec	5/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	59	%	EPA 625	-88	-88	42	90	
2012/13-5	Lab	method blank	5/15/2013	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS	5/15/2013	Organic	N-Nitrosodiphenylamine	n/a	=	24.7	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS, rec	5/15/2013	Organic	N-Nitrosodiphenylamine	n/a	=	49	%	EPA 625	-88	-88	42	90	
2012/13-5	Lab	method blank	6/12/2013	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS	6/12/2013	Organic	N-Nitrosodiphenylamine	n/a	=	24.4	µg/L	EPA 625	0.19	1			
2012/13-5	Lab	LCS, rec	6/12/2013	Organic	N-Nitrosodiphenylamine	n/a	=	49	%	EPA 625	-88	-88	42	90	
2012/13-5	ME-CC	matrix spike	6/12/2013	Organic	N-Nitrosodiphenylamine	n/a	=	24.8	µg/L	EPA 625	0.19	1			
2012/13-5	ME-CC	matrix spike, rec	6/12/2013	Organic	N-Nitrosodiphenylamine	n/a	=	50	%	EPA 625	-88	-88	49	82	
2012/13-5	ME-CC	matrix spike dup	6/12/2013	Organic	N-Nitrosodiphenylamine	n/a	=	27.8	µg/L	EPA 625	0.19	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/12/2013	Organic	N-Nitrosodiphenylamine	n/a	=	56	%	EPA 625	-88	-88	49	82	
2012/13-5	ME-CC	matrix spike, RPD	6/12/2013	Organic	N-Nitrosodiphenylamine	n/a	=	12	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike	5/15/2013	Organic	N-Nitrosodiphenylamine	n/a	=	25.8	µg/L	EPA 625	0.19	1			
2012/13-5	MO-OJA	matrix spike, rec	5/15/2013	Organic	N-Nitrosodiphenylamine	n/a	=	52	%	EPA 625	-88	-88	49	82	
2012/13-5	MO-OJA	matrix spike dup	5/15/2013	Organic	N-Nitrosodiphenylamine	n/a	=	28.1	µg/L	EPA 625	0.19	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/15/2013	Organic	N-Nitrosodiphenylamine	n/a	=	56	%	EPA 625	-88	-88	49	82	
2012/13-5	MO-OJA	matrix spike, RPD	5/15/2013	Organic	N-Nitrosodiphenylamine	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-5	Lab	srgt method blank	5/1/2013	Organic	Perylene-d12	n/a	=	3.14	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/1/2013	Organic	Perylene-d12	n/a	=	63	%	EPA 525.2	-88	-88	48	141	
2012/13-5	Lab	srgt LCS	5/1/2013	Organic	Perylene-d12	n/a	=	3.87	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/1/2013	Organic	Perylene-d12	n/a	=	77	%	EPA 525.2	-88	-88	48	141	
2012/13-5	Lab	srgt LCS dup	5/1/2013	Organic	Perylene-d12	n/a	=	4.16	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/1/2013	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	48	141	
2012/13-5	Lab	srgt method blank	5/3/2013	Organic	Perylene-d12	n/a	=	3.07	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/3/2013	Organic	Perylene-d12	n/a	=	61	%	EPA 525.2	-88	-88	48	141	
2012/13-5	Lab	srgt LCS	5/3/2013	Organic	Perylene-d12	n/a	=	4.06	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/3/2013	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	48	141	
2012/13-5	Lab	srgt method blank	6/11/2013	Organic	Perylene-d12	n/a	=	3.36	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/11/2013	Organic	Perylene-d12	n/a	=	67	%	EPA 525.2	-88	-88	48	141	
2012/13-5	Lab	srgt LCS	6/11/2013	Organic	Perylene-d12	n/a	=	3.8	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/11/2013	Organic	Perylene-d12	n/a	=	76	%	EPA 525.2	-88	-88	48	141	
2012/13-5	ME-CC	srgt matrix spike	6/11/2013	Organic	Perylene-d12	n/a	=	3.41	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/11/2013	Organic	Perylene-d12	n/a	=	68	%	EPA 525.2	-88	-88	48	141	
2012/13-5	ME-CC	srgt matrix spike dup	6/11/2013	Organic	Perylene-d12	n/a	=	3.43	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/11/2013	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	48	141	
2012/13-5	ME-CC	srgt environ	6/11/2013	Organic	Perylene-d12	n/a	=	2.86	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/11/2013	Organic	Perylene-d12	n/a	=	57	%	EPA 525.2	-88	-88	48	141	
2012/13-5	ME-SCR	srgt environ	5/1/2013	Organic	Perylene-d12	n/a	=	2.82	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/1/2013	Organic	Perylene-d12	n/a	=	56	%	EPA 525.2	-88	-88	48	141	
2012/13-5	ME-VR2	srgt environ	5/3/2013	Organic	Perylene-d12	n/a	=	3.18	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/3/2013	Organic	Perylene-d12	n/a	=	64	%	EPA 525.2	-88	-88	48	141	
2012/13-5	MO-CAM	srgt environ	6/11/2013	Organic	Perylene-d12	n/a	=	2.78	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/11/2013	Organic	Perylene-d12	n/a	=	56	%	EPA 525.2	-88	-88	48	141	
2012/13-5	MO-FIL	srgt environ	5/1/2013	Organic	Perylene-d12	n/a	=	3.99	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/1/2013	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	48	141	
2012/13-5	MO-HUE	srgt environ	5/3/2013	Organic	Perylene-d12	n/a	=	3.52	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/3/2013	Organic	Perylene-d12	n/a	=	70	%	EPA 525.2	-88	-88	48	141	
2012/13-5	MO-OJA	srgt matrix spike	5/3/2013	Organic	Perylene-d12	n/a	=	3.97	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/3/2013	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	48	141	
2012/13-5	MO-OJA	srgt matrix spike dup	5/3/2013	Organic	Perylene-d12	n/a	=	3.96	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/3/2013	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	48	141	
2012/13-5	MO-OJA	srgt environ	5/3/2013	Organic	Perylene-d12	n/a	=	4.45	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/3/2013	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	48	141	
2012/13-5	MO-OXN	srgt environ	5/1/2013	Organic	Perylene-d12	n/a	=	2.6	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/1/2013	Organic	Perylene-d12	n/a	=	52	%	EPA 525.2	-88	-88	48	141	
2012/13-5	MO-SIM	srgt environ	6/11/2013	Organic	Perylene-d12	n/a	=	2.56	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/11/2013	Organic	Perylene-d12	n/a	=	51	%	EPA 525.2	-88	-88	48	141	
2012/13-5	MO-THO	srgt environ	6/11/2013	Organic	Perylene-d12	n/a	=	3.32	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/11/2013	Organic	Perylene-d12	n/a	=	66	%	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	
2012/13-5	MO-VEN	srgt environ	5/1/2013	Organic	Perylene-d12	n/a	=	2.17	µg/L	EPA 525.2	-88	-88			GN
2012/13-5	MO-VEN	srgt environ, rec	5/1/2013	Organic	Perylene-d12	n/a	=	43	%	EPA 525.2	-88	-88	48	141	GN
2012/13-5	Lab	method blank	5/11/2013	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Phenanthrene	n/a	=	6.59	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Phenanthrene	n/a	=	66	%	EPA 8270Cm	-88	-88	54	120	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Phenanthrene	n/a	=	5.88	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Phenanthrene	n/a	=	59	%	EPA 8270Cm	-88	-88	54	120	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Phenanthrene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Phenanthrene	n/a	=	7.43	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Phenanthrene	n/a	=	74	%	EPA 8270Cm	-88	-88	54	120	
2012/13-5	Lab	method blank	6/18/2013	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Phenanthrene	n/a	=	5.6	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Phenanthrene	n/a	=	56	%	EPA 8270Cm	-88	-88	54	120	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Phenanthrene	n/a	=	7.33	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Phenanthrene	n/a	=	73	%	EPA 8270Cm	-88	-88	54	120	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Phenanthrene	n/a	=	6.4	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Phenanthrene	n/a	=	64	%	EPA 8270Cm	-88	-88	54	120	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Phenanthrene	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Phenanthrene	n/a	=	2.67	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Phenanthrene	n/a	=	27	%	EPA 8270Cm	-88	-88	54	120	GB
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Phenanthrene	n/a	=	3.36	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Phenanthrene	n/a	=	34	%	EPA 8270Cm	-88	-88	54	120	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Phenanthrene	n/a	=	23	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	Phenol	n/a	=	2.13	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	Phenol	n/a	=	21	%	EPA 8270Cm	-88	-88	14	40	
2012/13-5	Lab	LCS dup	5/10/2013	Organic	Phenol	n/a	=	1.92	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	Lab	LCS dup, rec	5/10/2013	Organic	Phenol	n/a	=	19	%	EPA 8270Cm	-88	-88	14	40	
2012/13-5	Lab	LCS, RPD	5/10/2013	Organic	Phenol	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/10/2013	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	Lab	LCS	5/10/2013	Organic	Phenol	n/a	=	2.57	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	Lab	LCS, rec	5/10/2013	Organic	Phenol	n/a	=	26	%	EPA 8270Cm	-88	-88	14	40	
2012/13-5	Lab	method blank	6/16/2013	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	Lab	LCS	6/16/2013	Organic	Phenol	n/a	=	1.97	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	Lab	LCS, rec	6/16/2013	Organic	Phenol	n/a	=	20	%	EPA 8270Cm	-88	-88	14	40	
2012/13-5	ME-CC	matrix spike	6/16/2013	Organic	Phenol	n/a	=	3.92	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Organic	Phenol	n/a	=	39	%	EPA 8270Cm	-88	-88	14	50	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Organic	Phenol	n/a	=	3.57	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Organic	Phenol	n/a	=	36	%	EPA 8270Cm	-88	-88	14	50	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Organic	Phenol	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/10/2013	Organic	Phenol	n/a	=	1.39	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	MO-OJA	matrix spike, rec	5/10/2013	Organic	Phenol	n/a	=	14	%	EPA 8270Cm	-88	-88	14	50	
2012/13-5	MO-OJA	matrix spike dup	5/10/2013	Organic	Phenol	n/a	=	1.81	µg/L	EPA 8270Cm	0.35	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/10/2013	Organic	Phenol	n/a	=	18	%	EPA 8270Cm	-88	-88	14	50	
2012/13-5	MO-OJA	matrix spike, RPD	5/10/2013	Organic	Phenol	n/a	=	26	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	srgt LCS dup	5/6/2013	Organic	Phenol-d5	n/a	=	21.5	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	srgt LCS dup, rec	5/6/2013	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	5	73	
2012/13-5	Lab	srgt method blank	5/6/2013	Organic	Phenol-d5	n/a	=	29.8	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/6/2013	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	5	73	
2012/13-5	Lab	srgt LCS	5/6/2013	Organic	Phenol-d5	n/a	=	32.1	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/6/2013	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	5	73	
2012/13-5	Lab	srgt method blank	5/10/2013	Organic	Phenol-d5	n/a	=	1.96	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/10/2013	Organic	Phenol-d5	n/a	=	20	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	Lab	srgt LCS	5/10/2013	Organic	Phenol-d5	n/a	=	2.16	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/10/2013	Organic	Phenol-d5	n/a	=	22	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	Lab	srgt LCS dup	5/10/2013	Organic	Phenol-d5	n/a	=	1.92	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/10/2013	Organic	Phenol-d5	n/a	=	19	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	Lab	srgt method blank	5/10/2013	Organic	Phenol-d5	n/a	=	2.18	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/10/2013	Organic	Phenol-d5	n/a	=	22	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	Lab	srgt LCS	5/10/2013	Organic	Phenol-d5	n/a	=	2.34	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/10/2013	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	Lab	srgt method blank	5/15/2013	Organic	Phenol-d5	n/a	=	24	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/15/2013	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	5	73	
2012/13-5	Lab	srgt LCS	5/15/2013	Organic	Phenol-d5	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/15/2013	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	5	73	
2012/13-5	Lab	srgt method blank	6/12/2013	Organic	Phenol-d5	n/a	=	25	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/12/2013	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	5	73	
2012/13-5	Lab	srgt LCS	6/12/2013	Organic	Phenol-d5	n/a	=	28.5	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/12/2013	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	5	73	
2012/13-5	Lab	srgt method blank	6/16/2013	Organic	Phenol-d5	n/a	=	2.28	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/16/2013	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	Lab	srgt LCS	6/16/2013	Organic	Phenol-d5	n/a	=	1.8	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/16/2013	Organic	Phenol-d5	n/a	=	18	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	ME-CC	srgt matrix spike	6/12/2013	Organic	Phenol-d5	n/a	=	24.1	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/12/2013	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	5	73	
2012/13-5	ME-CC	srgt matrix spike dup	6/12/2013	Organic	Phenol-d5	n/a	=	31.4	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/12/2013	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	5	73	
2012/13-5	ME-CC	srgt environ	6/12/2013	Organic	Phenol-d5	n/a	=	24.2	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/12/2013	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	5	73	
2012/13-5	ME-CC	srgt matrix spike	6/16/2013	Organic	Phenol-d5	n/a	=	4.71	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/16/2013	Organic	Phenol-d5	n/a	=	47	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	ME-CC	srgt matrix spike dup	6/16/2013	Organic	Phenol-d5	n/a	=	4	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/16/2013	Organic	Phenol-d5	n/a	=	40	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	ME-CC	srgt environ	6/16/2013	Organic	Phenol-d5	n/a	=	2.38	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/16/2013	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	ME-SCR	srgt environ	5/6/2013	Organic	Phenol-d5	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/6/2013	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	5	73	
2012/13-5	ME-SCR	srgt environ	5/10/2013	Organic	Phenol-d5	n/a	=	1.85	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/10/2013	Organic	Phenol-d5	n/a	=	18	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	ME-VR2	srgt environ	5/10/2013	Organic	Phenol-d5	n/a	=	1.48	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/10/2013	Organic	Phenol-d5	n/a	=	15	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	ME-VR2	srgt environ	5/15/2013	Organic	Phenol-d5	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/15/2013	Organic	Phenol-d5	n/a	=	17	%	EPA 625	-88	-88	5	73	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-CAM	srgt environ	6/12/2013	Organic	Phenol-d5	n/a	=	20.8	µg/L	EPA 625	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/12/2013	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	5	73	
2012/13-5	MO-CAM	srgt environ	6/16/2013	Organic	Phenol-d5	n/a	=	2.28	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/16/2013	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	MO-FIL	srgt environ	5/7/2013	Organic	Phenol-d5	n/a	=	26.8	µg/L	EPA 625	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/7/2013	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	5	73	
2012/13-5	MO-FIL	srgt environ	5/10/2013	Organic	Phenol-d5	n/a	=	2.37	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/10/2013	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	MO-HUE	srgt environ	5/10/2013	Organic	Phenol-d5	n/a	=	2.19	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/10/2013	Organic	Phenol-d5	n/a	=	22	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	MO-HUE	srgt environ	5/15/2013	Organic	Phenol-d5	n/a	=	21.7	µg/L	EPA 625	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/15/2013	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	5	73	
2012/13-5	MO-OJA	srgt matrix spike	5/10/2013	Organic	Phenol-d5	n/a	=	1.14	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-5	MO-OJA	srgt matrix spike, rec	5/10/2013	Organic	Phenol-d5	n/a	=	11	%	EPA 8270Cm	-88	-88	13	58	GN
2012/13-5	MO-OJA	srgt matrix spike dup	5/10/2013	Organic	Phenol-d5	n/a	=	1.82	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/10/2013	Organic	Phenol-d5	n/a	=	18	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	MO-OJA	srgt environ	5/10/2013	Organic	Phenol-d5	n/a	=	2.03	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/10/2013	Organic	Phenol-d5	n/a	=	20	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	MO-OJA	srgt matrix spike	5/15/2013	Organic	Phenol-d5	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/15/2013	Organic	Phenol-d5	n/a	=	18	%	EPA 625	-88	-88	5	73	
2012/13-5	MO-OJA	srgt matrix spike dup	5/15/2013	Organic	Phenol-d5	n/a	=	20.5	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/15/2013	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	5	73	
2012/13-5	MO-OJA	srgt environ	5/15/2013	Organic	Phenol-d5	n/a	=	19.5	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/15/2013	Organic	Phenol-d5	n/a	=	19	%	EPA 625	-88	-88	5	73	
2012/13-5	MO-OXN	srgt environ	5/7/2013	Organic	Phenol-d5	n/a	=	25	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/7/2013	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	5	73	
2012/13-5	MO-OXN	srgt environ	5/10/2013	Organic	Phenol-d5	n/a	=	1.73	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/10/2013	Organic	Phenol-d5	n/a	=	17	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	MO-SIM	srgt environ	6/12/2013	Organic	Phenol-d5	n/a	=	26.7	µg/L	EPA 625	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/12/2013	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	5	73	
2012/13-5	MO-SIM	srgt environ	6/16/2013	Organic	Phenol-d5	n/a	=	2.69	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/16/2013	Organic	Phenol-d5	n/a	=	27	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	MO-THO	srgt environ	6/12/2013	Organic	Phenol-d5	n/a	=	24.9	µg/L	EPA 625	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/12/2013	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	5	73	
2012/13-5	MO-THO	srgt environ	6/16/2013	Organic	Phenol-d5	n/a	=	2.47	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/16/2013	Organic	Phenol-d5	n/a	=	25	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	MO-VEN	srgt environ	5/7/2013	Organic	Phenol-d5	n/a	=	25.2	µg/L	EPA 625	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	5/7/2013	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	5	73	
2012/13-5	MO-VEN	srgt environ	5/10/2013	Organic	Phenol-d5	n/a	=	1.56	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	5/10/2013	Organic	Phenol-d5	n/a	=	16	%	EPA 8270Cm	-88	-88	13	58	
2012/13-5	Lab	srgt LCS dup	5/6/2013	Organic	p-Terphenyl-d14	n/a	=	33.7	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/6/2013	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	5	110	
2012/13-5	Lab	srgt method blank	5/6/2013	Organic	p-Terphenyl-d14	n/a	=	36.9	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/6/2013	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	5	110	
2012/13-5	Lab	srgt LCS	5/6/2013	Organic	p-Terphenyl-d14	n/a	=	38.9	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/6/2013	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	5	110	
2012/13-5	Lab	srgt method blank	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	2.77	µg/L	EPA 8270Cm	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	srgt method blank, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	Lab	srgt LCS	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	3.37	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	Lab	srgt LCS dup	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	3.1	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	Lab	srgt method blank	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	3.61	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	Lab	srgt LCS	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	4.03	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	Lab	srgt method blank	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	45.6	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625	-88	-88	5	110	
2012/13-5	Lab	srgt LCS	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	33.9	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	5	110	
2012/13-5	Lab	srgt method blank	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	31.4	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 625	-88	-88	5	110	
2012/13-5	Lab	srgt LCS	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	33.4	µg/L	EPA 625	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	5	110	
2012/13-5	Lab	srgt method blank	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	3.16	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	Lab	srgt LCS	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	2.93	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	59	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	ME-CC	srgt matrix spike	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	38.6	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	5	110	
2012/13-5	ME-CC	srgt matrix spike dup	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	43.7	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625	-88	-88	5	110	
2012/13-5	ME-CC	srgt environ	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	42.8	µg/L	EPA 625	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625	-88	-88	5	110	
2012/13-5	ME-CC	srgt matrix spike	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	4.28	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	ME-CC	srgt matrix spike dup	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	3.48	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	ME-CC	srgt environ	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	3.52	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	ME-SCR	srgt environ	5/6/2013	Organic	p-Terphenyl-d14	n/a	=	27.6	µg/L	EPA 625	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/6/2013	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 625	-88	-88	5	110	
2012/13-5	ME-SCR	srgt environ	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	3.21	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	ME-VR2	srgt environ	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	3.91	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	ME-VR2	srgt environ	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	35.3	µg/L	EPA 625	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	5	110	
2012/13-5	MO-CAM	srgt environ	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	33.6	µg/L	EPA 625	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	5	110	
2012/13-5	MO-CAM	srgt environ	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	3.19	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	MO-FIL	srgt environ	5/7/2013	Organic	p-Terphenyl-d14	n/a	=	33.9	µg/L	EPA 625	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/7/2013	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	5	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-FIL	srgt environ	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	3.98	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	MO-HUE	srgt environ	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	3.63	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	MO-HUE	srgt environ	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	38.7	µg/L	EPA 625	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	5	110	
2012/13-5	MO-OJA	srgt matrix spike	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	1.4	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	28	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	MO-OJA	srgt matrix spike dup	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	1.84	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	37	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	MO-OJA	srgt environ	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	3.34	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	MO-OJA	srgt matrix spike	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	34.4	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 625	-88	-88	5	110	
2012/13-5	MO-OJA	srgt matrix spike dup	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	36.7	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	5	110	
2012/13-5	MO-OJA	srgt environ	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	34	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/15/2013	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	5	110	
2012/13-5	MO-OXN	srgt environ	5/7/2013	Organic	p-Terphenyl-d14	n/a	=	30.4	µg/L	EPA 625	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/7/2013	Organic	p-Terphenyl-d14	n/a	=	61	%	EPA 625	-88	-88	5	110	
2012/13-5	MO-OXN	srgt environ	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	2.85	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	57	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	MO-SIM	srgt environ	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	39.4	µg/L	EPA 625	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	5	110	
2012/13-5	MO-SIM	srgt environ	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	3.58	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	MO-THO	srgt environ	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	37.9	µg/L	EPA 625	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/12/2013	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	5	110	
2012/13-5	MO-THO	srgt environ	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	3.51	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/18/2013	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	MO-VEN	srgt environ	5/7/2013	Organic	p-Terphenyl-d14	n/a	=	22.5	µg/L	EPA 625	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	5/7/2013	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 625	-88	-88	5	110	
2012/13-5	MO-VEN	srgt environ	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	1.87	µg/L	EPA 8270Cm	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	5/11/2013	Organic	p-Terphenyl-d14	n/a	=	37	%	EPA 8270Cm	-88	-88	19	134	
2012/13-5	Lab	method blank	5/11/2013	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Pyrene	n/a	=	6.58	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Pyrene	n/a	=	66	%	EPA 8270Cm	-88	-88	52	115	
2012/13-5	Lab	LCS dup	5/11/2013	Organic	Pyrene	n/a	=	5.83	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS dup, rec	5/11/2013	Organic	Pyrene	n/a	=	58	%	EPA 8270Cm	-88	-88	52	115	
2012/13-5	Lab	LCS, RPD	5/11/2013	Organic	Pyrene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	5/11/2013	Organic	Pyrene	n/a	=	7.39	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	5/11/2013	Organic	Pyrene	n/a	=	74	%	EPA 8270Cm	-88	-88	52	115	
2012/13-5	Lab	method blank	6/18/2013	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS	6/18/2013	Organic	Pyrene	n/a	=	5.84	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	Lab	LCS, rec	6/18/2013	Organic	Pyrene	n/a	=	58	%	EPA 8270Cm	-88	-88	52	115	
2012/13-5	ME-CC	matrix spike	6/18/2013	Organic	Pyrene	n/a	=	7.34	µg/L	EPA 8270Cm	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike, rec	6/18/2013	Organic	Pyrene	n/a	=	73	%	EPA 8270Cm	-88	-88	52	115	
2012/13-5	ME-CC	matrix spike dup	6/18/2013	Organic	Pyrene	n/a	=	6.62	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/18/2013	Organic	Pyrene	n/a	=	66	%	EPA 8270Cm	-88	-88	52	115	
2012/13-5	ME-CC	matrix spike, RPD	6/18/2013	Organic	Pyrene	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Organic	Pyrene	n/a	=	2.76	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Organic	Pyrene	n/a	=	28	%	EPA 8270Cm	-88	-88	52	115	GB
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Organic	Pyrene	n/a	=	3.42	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Organic	Pyrene	n/a	=	34	%	EPA 8270Cm	-88	-88	52	115	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Organic	Pyrene	n/a	=	22	%	EPA 8270Cm	-88	-88	0	30	
2012/13-5	Lab	srgt method blank	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0793	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	12	117	
2012/13-5	Lab	srgt LCS	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0774	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 608	-88	-88	12	117	
2012/13-5	Lab	srgt LCS dup	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.094	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	94	%	EPA 608	-88	-88	12	117	
2012/13-5	Lab	srgt method blank	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0738	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	12	117	
2012/13-5	Lab	srgt LCS	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0816	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 608	-88	-88	12	117	
2012/13-5	Lab	srgt method blank	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0699	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	12	117	
2012/13-5	Lab	srgt LCS	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0724	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	12	117	
2012/13-5	ME-CC	srgt matrix spike	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0852	µg/L	EPA 608	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	12	117	
2012/13-5	ME-CC	srgt matrix spike dup	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0792	µg/L	EPA 608	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	12	117	
2012/13-5	ME-CC	srgt environ	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0854	µg/L	EPA 608	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	12	117	
2012/13-5	ME-SCR	srgt environ	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0922	µg/L	EPA 608	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	92	%	EPA 608	-88	-88	12	117	
2012/13-5	ME-VR2	srgt environ	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.103	µg/L	EPA 608	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	103	%	EPA 608	-88	-88	12	117	
2012/13-5	MO-CAM	srgt environ	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0379	µg/L	EPA 608	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	38	%	EPA 608	-88	-88	12	117	
2012/13-5	MO-FIL	srgt environ	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0879	µg/L	EPA 608	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	88	%	EPA 608	-88	-88	12	117	
2012/13-5	MO-HUE	srgt environ	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.118	µg/L	EPA 608	-88	-88			GN
2012/13-5	MO-HUE	srgt environ, rec	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	118	%	EPA 608	-88	-88	12	117	GN
2012/13-5	MO-OJA	srgt matrix spike	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0494	µg/L	EPA 608	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608	-88	-88	12	117	
2012/13-5	MO-OJA	srgt matrix spike dup	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0554	µg/L	EPA 608	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608	-88	-88	12	117	
2012/13-5	MO-OJA	srgt environ	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0491	µg/L	EPA 608	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/11/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608	-88	-88	12	117	
2012/13-5	MO-OXN	srgt environ	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0248	µg/L	EPA 608	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	25	%	EPA 608	-88	-88	12	117	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-SIM	srgt environ	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0858	µg/L	EPA 608	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 608	-88	-88	12	117	
2012/13-5	MO-THO	srgt environ	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0844	µg/L	EPA 608	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/16/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 608	-88	-88	12	117	
2012/13-5	MO-VEN	srgt environ	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0464	µg/L	EPA 608	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	5/8/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608	-88	-88	12	117	
2012/13-5	000NONPJ	srgt matrix spike	5/1/2013	Organic	Toluene-d8	n/a	=	52.2	µg/L	EPA 624	-88	-88			
2012/13-5	000NONPJ	srgt matrix spike, rec	5/1/2013	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2012/13-5	000NONPJ	srgt matrix spike dup	5/1/2013	Organic	Toluene-d8	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2012/13-5	000NONPJ	srgt matrix spike dup, rec	5/1/2013	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2012/13-5	Lab	srgt LCS	4/24/2013	Organic	Toluene-d8	n/a	=	50.9	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srgt LCS, rec	4/24/2013	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2012/13-5	Lab	srgt LCS dup	4/24/2013	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	4/24/2013	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2012/13-5	Lab	srgt method blank	4/24/2013	Organic	Toluene-d8	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srgt method blank, rec	4/24/2013	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2012/13-5	Lab	srgt LCS	5/1/2013	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/1/2013	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2012/13-5	Lab	srgt LCS dup	5/1/2013	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/1/2013	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2012/13-5	Lab	srgt method blank	5/1/2013	Organic	Toluene-d8	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/1/2013	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2012/13-5	ME-SCR	srgt environ	4/25/2013	Organic	Toluene-d8	n/a	=	52.6	µg/L	EPA 624	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	4/25/2013	Organic	Toluene-d8	n/a	=	105	%	EPA 624	-88	-88	92	112	
2012/13-5	ME-VR2	srgt environ	5/1/2013	Organic	Toluene-d8	n/a	=	52.7	µg/L	EPA 624	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/1/2013	Organic	Toluene-d8	n/a	=	105	%	EPA 624	-88	-88	92	112	
2012/13-5	MO-FIL	srgt environ	4/25/2013	Organic	Toluene-d8	n/a	=	51.9	µg/L	EPA 624	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	4/25/2013	Organic	Toluene-d8	n/a	=	104	%	EPA 624	-88	-88	92	112	
2012/13-5	MO-HUE	srgt environ	5/1/2013	Organic	Toluene-d8	n/a	=	53.3	µg/L	EPA 624	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/1/2013	Organic	Toluene-d8	n/a	=	107	%	EPA 624	-88	-88	92	112	
2012/13-5	MO-OJA	srgt environ	5/1/2013	Organic	Toluene-d8	n/a	=	53.1	µg/L	EPA 624	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/1/2013	Organic	Toluene-d8	n/a	=	106	%	EPA 624	-88	-88	92	112	
2012/13-5	MO-OXN	srgt environ	4/25/2013	Organic	Toluene-d8	n/a	=	52.9	µg/L	EPA 624	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	4/25/2013	Organic	Toluene-d8	n/a	=	106	%	EPA 624	-88	-88	92	112	
2012/13-5	MO-VEN	srgt environ	4/25/2013	Organic	Toluene-d8	n/a	=	52.5	µg/L	EPA 624	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	4/25/2013	Organic	Toluene-d8	n/a	=	105	%	EPA 624	-88	-88	92	112	
2012/13-5	Lab	srgt method blank	4/29/2013	Organic	Triphenylphosphate	n/a	=	0.489	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	4/29/2013	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt LCS	4/29/2013	Organic	Triphenylphosphate	n/a	=	0.531	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	4/29/2013	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt method blank	5/1/2013	Organic	Triphenylphosphate	n/a	=	4.37	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/1/2013	Organic	Triphenylphosphate	n/a	=	87	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt LCS	5/1/2013	Organic	Triphenylphosphate	n/a	=	5.48	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/1/2013	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt LCS dup	5/1/2013	Organic	Triphenylphosphate	n/a	=	5.83	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/1/2013	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt method blank	5/3/2013	Organic	Triphenylphosphate	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	srgt method blank, rec	5/3/2013	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt LCS	5/3/2013	Organic	Triphenylphosphate	n/a	=	5.62	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/3/2013	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt method blank	5/14/2013	Organic	Triphenylphosphate	n/a	=	0.502	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/14/2013	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt LCS	5/14/2013	Organic	Triphenylphosphate	n/a	=	0.536	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/14/2013	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt method blank	6/11/2013	Organic	Triphenylphosphate	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/11/2013	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt LCS	6/11/2013	Organic	Triphenylphosphate	n/a	=	5.75	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/11/2013	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt method blank	6/13/2013	Organic	Triphenylphosphate	n/a	=	0.565	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/13/2013	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt LCS	6/13/2013	Organic	Triphenylphosphate	n/a	=	0.584	µg/L	EPA 525.2	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/13/2013	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2012/13-5	ME-CC	srgt matrix spike	6/11/2013	Organic	Triphenylphosphate	n/a	=	6.17	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/11/2013	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	71	150	
2012/13-5	ME-CC	srgt matrix spike dup	6/11/2013	Organic	Triphenylphosphate	n/a	=	6.51	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/11/2013	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	71	150	
2012/13-5	ME-CC	srgt environ	6/11/2013	Organic	Triphenylphosphate	n/a	=	6.42	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/11/2013	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	71	150	
2012/13-5	ME-CC	srgt matrix spike	6/13/2013	Organic	Triphenylphosphate	n/a	=	0.462	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt matrix spike, rec	6/13/2013	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	71	150	
2012/13-5	ME-CC	srgt matrix spike dup	6/13/2013	Organic	Triphenylphosphate	n/a	=	0.482	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/13/2013	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	
2012/13-5	ME-CC	srgt environ	6/13/2013	Organic	Triphenylphosphate	n/a	=	0.457	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/13/2013	Organic	Triphenylphosphate	n/a	=	91	%	EPA 525.2	-88	-88	71	150	
2012/13-5	ME-SCR	srgt environ	4/29/2013	Organic	Triphenylphosphate	n/a	=	0.459	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	4/29/2013	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	71	150	
2012/13-5	ME-SCR	srgt environ	5/1/2013	Organic	Triphenylphosphate	n/a	=	4.17	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/1/2013	Organic	Triphenylphosphate	n/a	=	83	%	EPA 525.2	-88	-88	71	150	
2012/13-5	ME-VR2	srgt environ	5/3/2013	Organic	Triphenylphosphate	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/3/2013	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	71	150	
2012/13-5	ME-VR2	srgt environ	5/14/2013	Organic	Triphenylphosphate	n/a	=	0.237	µg/L	EPA 525.2	-88	-88			GN
2012/13-5	ME-VR2	srgt environ, rec	5/14/2013	Organic	Triphenylphosphate	n/a	=	47	%	EPA 525.2	-88	-88	71	150	GN
2012/13-5	MO-CAM	srgt environ	6/11/2013	Organic	Triphenylphosphate	n/a	=	5.74	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/11/2013	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-CAM	srgt environ	6/13/2013	Organic	Triphenylphosphate	n/a	=	0.529	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/13/2013	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-FIL	srgt environ	4/29/2013	Organic	Triphenylphosphate	n/a	=	0.468	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	4/29/2013	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-FIL	srgt environ	5/1/2013	Organic	Triphenylphosphate	n/a	=	5.75	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/1/2013	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-HUE	srgt environ	5/3/2013	Organic	Triphenylphosphate	n/a	=	5.37	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/3/2013	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-HUE	srgt environ	5/14/2013	Organic	Triphenylphosphate	n/a	=	0.398	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/14/2013	Organic	Triphenylphosphate	n/a	=	80	%	EPA 525.2	-88	-88	71	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	srgt matrix spike	5/3/2013	Organic	Triphenylphosphate	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/3/2013	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-OJA	srgt matrix spike dup	5/3/2013	Organic	Triphenylphosphate	n/a	=	4.6	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/3/2013	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-OJA	srgt environ	5/3/2013	Organic	Triphenylphosphate	n/a	=	5.66	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/3/2013	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-OJA	srgt matrix spike	5/14/2013	Organic	Triphenylphosphate	n/a	=	0.418	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/14/2013	Organic	Triphenylphosphate	n/a	=	84	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-OJA	srgt matrix spike dup	5/14/2013	Organic	Triphenylphosphate	n/a	=	0.398	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/14/2013	Organic	Triphenylphosphate	n/a	=	80	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-OJA	srgt environ	5/14/2013	Organic	Triphenylphosphate	n/a	=	0.374	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/14/2013	Organic	Triphenylphosphate	n/a	=	75	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-OXN	srgt matrix spike dup	4/29/2013	Organic	Triphenylphosphate	n/a	=	0.595	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OXN	srgt matrix spike dup, rec	4/29/2013	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-OXN	srgt matrix spike	4/29/2013	Organic	Triphenylphosphate	n/a	=	0.544	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OXN	srgt matrix spike, rec	4/29/2013	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-OXN	srgt environ	4/29/2013	Organic	Triphenylphosphate	n/a	=	0.557	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	4/29/2013	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-OXN	srgt environ	5/1/2013	Organic	Triphenylphosphate	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/1/2013	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-SIM	srgt environ	6/11/2013	Organic	Triphenylphosphate	n/a	=	5.93	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/11/2013	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-SIM	srgt environ	6/13/2013	Organic	Triphenylphosphate	n/a	=	0.282	µg/L	EPA 525.2	-88	-88			GN
2012/13-5	MO-SIM	srgt environ, rec	6/13/2013	Organic	Triphenylphosphate	n/a	=	56	%	EPA 525.2	-88	-88	71	150	GN
2012/13-5	MO-THO	srgt environ	6/11/2013	Organic	Triphenylphosphate	n/a	=	6.24	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/11/2013	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-THO	srgt environ	6/13/2013	Organic	Triphenylphosphate	n/a	=	0.331	µg/L	EPA 525.2	-88	-88			GN
2012/13-5	MO-THO	srgt environ, rec	6/13/2013	Organic	Triphenylphosphate	n/a	=	66	%	EPA 525.2	-88	-88	71	150	GN
2012/13-5	MO-VEN	srgt environ	4/29/2013	Organic	Triphenylphosphate	n/a	=	0.517	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	4/29/2013	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	71	150	
2012/13-5	MO-VEN	srgt environ	5/1/2013	Organic	Triphenylphosphate	n/a	=	4	µg/L	EPA 525.2	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	5/1/2013	Organic	Triphenylphosphate	n/a	=	80	%	EPA 525.2	-88	-88	71	150	
2012/13-5	Lab	srgt method blank	5/8/2013	PCB	PCB 209	n/a	=	0.0579	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/8/2013	PCB	PCB 209	n/a	=	58	%	EPA 608	-88	-88	0.1	118	
2012/13-5	Lab	srgt LCS	5/8/2013	PCB	PCB 209	n/a	=	0.063	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/8/2013	PCB	PCB 209	n/a	=	63	%	EPA 608	-88	-88	0.1	118	
2012/13-5	Lab	srgt LCS dup	5/8/2013	PCB	PCB 209	n/a	=	0.0764	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt LCS dup, rec	5/8/2013	PCB	PCB 209	n/a	=	76	%	EPA 608	-88	-88	0.1	118	
2012/13-5	Lab	srgt method blank	5/11/2013	PCB	PCB 209	n/a	=	0.0463	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt method blank, rec	5/11/2013	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	118	
2012/13-5	Lab	srgt LCS	5/11/2013	PCB	PCB 209	n/a	=	0.0544	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt LCS, rec	5/11/2013	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	118	
2012/13-5	Lab	srgt method blank	6/16/2013	PCB	PCB 209	n/a	=	0.039	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt method blank, rec	6/16/2013	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	118	
2012/13-5	Lab	srgt LCS	6/16/2013	PCB	PCB 209	n/a	=	0.0496	µg/L	EPA 608	-88	-88			
2012/13-5	Lab	srgt LCS, rec	6/16/2013	PCB	PCB 209	n/a	=	50	%	EPA 608	-88	-88	0.1	118	
2012/13-5	ME-CC	srgt matrix spike	6/16/2013	PCB	PCB 209	n/a	=	0.0698	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	
2012/13-5	ME-CC	srgt matrix spike, rec	6/16/2013	PCB	PCB 209	n/a	=	70	%	EPA 608	-88	-88	0.1	118	
2012/13-5	ME-CC	srgt matrix spike dup	6/16/2013	PCB	PCB 209	n/a	=	0.0738	µg/L	EPA 608	-88	-88			
2012/13-5	ME-CC	srgt matrix spike dup, rec	6/16/2013	PCB	PCB 209	n/a	=	74	%	EPA 608	-88	-88	0.1	118	
2012/13-5	ME-CC	srgt environ	6/16/2013	PCB	PCB 209	n/a	=	0.074	µg/L	EPA 608	-88	-88			
2012/13-5	ME-CC	srgt environ, rec	6/16/2013	PCB	PCB 209	n/a	=	74	%	EPA 608	-88	-88	0.1	118	
2012/13-5	ME-SCR	srgt environ	5/8/2013	PCB	PCB 209	n/a	=	0.0693	µg/L	EPA 608	-88	-88			
2012/13-5	ME-SCR	srgt environ, rec	5/8/2013	PCB	PCB 209	n/a	=	69	%	EPA 608	-88	-88	0.1	118	
2012/13-5	ME-VR2	srgt environ	5/11/2013	PCB	PCB 209	n/a	=	0.0502	µg/L	EPA 608	-88	-88			
2012/13-5	ME-VR2	srgt environ, rec	5/11/2013	PCB	PCB 209	n/a	=	50	%	EPA 608	-88	-88	0.1	118	
2012/13-5	MO-CAM	srgt environ	6/16/2013	PCB	PCB 209	n/a	=	0.0367	µg/L	EPA 608	-88	-88			
2012/13-5	MO-CAM	srgt environ, rec	6/16/2013	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	118	
2012/13-5	MO-FIL	srgt environ	5/8/2013	PCB	PCB 209	n/a	=	0.0739	µg/L	EPA 608	-88	-88			
2012/13-5	MO-FIL	srgt environ, rec	5/8/2013	PCB	PCB 209	n/a	=	74	%	EPA 608	-88	-88	0.1	118	
2012/13-5	MO-HUE	srgt environ	5/11/2013	PCB	PCB 209	n/a	=	0.0444	µg/L	EPA 608	-88	-88			
2012/13-5	MO-HUE	srgt environ, rec	5/11/2013	PCB	PCB 209	n/a	=	44	%	EPA 608	-88	-88	0.1	118	
2012/13-5	MO-OJA	srgt matrix spike	5/11/2013	PCB	PCB 209	n/a	=	0.0513	µg/L	EPA 608	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike, rec	5/11/2013	PCB	PCB 209	n/a	=	51	%	EPA 608	-88	-88	0.1	118	
2012/13-5	MO-OJA	srgt matrix spike dup	5/11/2013	PCB	PCB 209	n/a	=	0.0584	µg/L	EPA 608	-88	-88			
2012/13-5	MO-OJA	srgt matrix spike dup, rec	5/11/2013	PCB	PCB 209	n/a	=	58	%	EPA 608	-88	-88	0.1	118	
2012/13-5	MO-OJA	srgt environ	5/11/2013	PCB	PCB 209	n/a	=	0.0561	µg/L	EPA 608	-88	-88			
2012/13-5	MO-OJA	srgt environ, rec	5/11/2013	PCB	PCB 209	n/a	=	56	%	EPA 608	-88	-88	0.1	118	
2012/13-5	MO-OXN	srgt environ	5/8/2013	PCB	PCB 209	n/a	=	0.0464	µg/L	EPA 608	-88	-88			
2012/13-5	MO-OXN	srgt environ, rec	5/8/2013	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	118	
2012/13-5	MO-SIM	srgt environ	6/16/2013	PCB	PCB 209	n/a	=	0.0721	µg/L	EPA 608	-88	-88			
2012/13-5	MO-SIM	srgt environ, rec	6/16/2013	PCB	PCB 209	n/a	=	72	%	EPA 608	-88	-88	0.1	118	
2012/13-5	MO-THO	srgt environ	6/16/2013	PCB	PCB 209	n/a	=	0.069	µg/L	EPA 608	-88	-88			
2012/13-5	MO-THO	srgt environ, rec	6/16/2013	PCB	PCB 209	n/a	=	69	%	EPA 608	-88	-88	0.1	118	
2012/13-5	MO-VEN	srgt environ	5/8/2013	PCB	PCB 209	n/a	=	0.0357	µg/L	EPA 608	-88	-88			
2012/13-5	MO-VEN	srgt environ, rec	5/8/2013	PCB	PCB 209	n/a	=	36	%	EPA 608	-88	-88	0.1	118	
2012/13-5	Lab	method blank	5/8/2013	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2012/13-5	Lab	method blank	5/11/2013	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2012/13-5	Lab	method blank	6/16/2013	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2012/13-5	Lab	method blank	5/8/2013	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-5	Lab	method blank	5/11/2013	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-5	Lab	method blank	6/16/2013	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-5	Lab	method blank	5/8/2013	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2012/13-5	Lab	method blank	5/11/2013	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2012/13-5	Lab	method blank	6/16/2013	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2012/13-5	Lab	method blank	5/8/2013	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2012/13-5	Lab	method blank	5/11/2013	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2012/13-5	Lab	method blank	6/16/2013	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2012/13-5	Lab	method blank	5/8/2013	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-5	Lab	method blank	5/11/2013	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-5	Lab	method blank	6/16/2013	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-5	Lab	method blank	5/8/2013	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-5	Lab	method blank	5/11/2013	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-5	Lab	method blank	6/16/2013	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	method blank	5/8/2013	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-5	Lab	method blank	5/11/2013	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-5	Lab	method blank	6/16/2013	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	2,4,5-T	n/a	=	3.67	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	2,4,5-T	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	2,4,5-T	n/a	=	3.78	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	2,4,5-T	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	2,4,5-T	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	2,4,5-T	n/a	=	3.6	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	2,4,5-T	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	2,4,5-T	n/a	=	3.71	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	2,4,5-T	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	2,4,5-T	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	2,4,5-T	n/a	=	3.48	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	2,4,5-T	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	2,4,5-T	n/a	=	4.09	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	2,4,5-T	n/a	=	3.36	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	2,4,5-T	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	2,4,5-T	n/a	=	3.41	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	2,4,5-T	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	2,4,5-T	n/a	=	3.34	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	2,4,5-T	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	2,4,5-T	n/a	=	3.84	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	2,4,5-T	n/a	=	3.83	µg/L	EPA 515.3	0.07	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	2,4,5-T	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	2,4,5-TP	n/a	=	4.06	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	2,4,5-TP	n/a	=	3.92	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	2,4,5-TP	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	2,4,5-TP	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	2,4,5-TP	n/a	=	3.74	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	2,4,5-TP	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	2,4,5-TP	n/a	=	3.51	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	2,4,5-TP	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	2,4,5-TP	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	2,4,5-TP	n/a	=	4.05	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	2,4,5-TP	n/a	=	4.58	µg/L	EPA 515.3	0.09	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	2,4,5-TP	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	2,4,5-TP	n/a	=	3.53	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	2,4,5-TP	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	2,4,5-TP	n/a	=	3.65	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	2,4,5-TP	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	2,4,5-TP	n/a	=	3.64	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	2,4,5-TP	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	2,4,5-TP	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	2,4,5-TP	n/a	=	4.13	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	2,4,5-TP	n/a	=	4.11	µg/L	EPA 515.3	0.09	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	2,4,5-TP	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	2,4-D	n/a	=	8.42	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	2,4-D	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	2,4-D	n/a	=	8.64	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	2,4-D	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	2,4-D	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	2,4-D	n/a	=	7.17	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	2,4-D	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	2,4-D	n/a	=	6.99	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	2,4-D	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	2,4-D	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	2,4-D	n/a	=	8.56	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	2,4-D	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	2,4-D	n/a	=	9.25	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	2,4-D	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	2,4-D	n/a	=	7.41	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	2,4-D	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	2,4-D	n/a	=	7.84	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	2,4-D	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	2,4-D	n/a	=	7.7	µg/L	EPA 515.3	0.07	0.4			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	2,4-D	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	2,4-D	n/a	=	10.8	µg/L	EPA 515.3	0.07	0.4			GB
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	2,4-D	n/a	=	136	%	EPA 515.3	-88	-88	70	130	GB
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	2,4-D	n/a	=	11.1	µg/L	EPA 515.3	0.07	0.4			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	2,4-D	n/a	=	139	%	EPA 515.3	-88	-88	70	130	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	2,4-DB	n/a	=	15.2	µg/L	EPA 515.3	0.07	2			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	2,4-DB	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	2,4-DB	n/a	=	15	µg/L	EPA 515.3	0.07	2			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	2,4-DB	n/a	=	94	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	2,4-DB	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	2,4-DB	n/a	=	14.4	µg/L	EPA 515.3	0.07	2			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	2,4-DB	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	2,4-DB	n/a	=	17.5	µg/L	EPA 515.3	0.07	2			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	2,4-DB	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	2,4-DB	n/a	=	19	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	2,4-DB	n/a	=	15.6	µg/L	EPA 515.3	0.07	2			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	2,4-DB	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	2,4-DB	n/a	=	16.7	µg/L	EPA 515.3	0.07	2			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	2,4-DB	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	2,4-DB	n/a	=	17.2	µg/L	EPA 515.3	0.07	2			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	2,4-DB	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	2,4-DB	n/a	=	15.6	µg/L	EPA 515.3	0.07	2			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	2,4-DB	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	2,4-DB	n/a	=	14	µg/L	EPA 515.3	0.07	2			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	2,4-DB	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	2,4-DB	n/a	=	10	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	2,4-DB	n/a	=	16.4	µg/L	EPA 515.3	0.07	2			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	2,4-DB	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	2,4-DB	n/a	=	16.4	µg/L	EPA 515.3	0.07	2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	2,4-DB	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	2,4-DB	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.55	µg/L	EPA 515.3	0.09	1			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.57	µg/L	EPA 515.3	0.09	1			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.78	µg/L	EPA 515.3	0.09	1			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.09	µg/L	EPA 515.3	0.09	1			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.72	µg/L	EPA 515.3	0.09	1			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.07	µg/L	EPA 515.3	0.09	1			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.26	µg/L	EPA 515.3	0.09	1			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.59	µg/L	EPA 515.3	0.09	1			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.42	µg/L	EPA 515.3	0.09	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.04	µg/L	EPA 515.3	0.09	1			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.96	µg/L	EPA 515.3	0.09	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	4,4'-DDD	n/a	=	0.0937	µg/L	EPA 608	0.003	0.05			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	4,4'-DDD	n/a	=	94	%	EPA 608	-88	-88	42	133	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	4,4'-DDD	n/a	=	0.0986	µg/L	EPA 608	0.003	0.05			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	4,4'-DDD	n/a	=	99	%	EPA 608	-88	-88	42	133	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	4,4'-DDD	n/a	=	5	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	4,4'-DDD	n/a	=	0.0635	µg/L	EPA 608	0.003	0.05			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	4,4'-DDD	n/a	=	64	%	EPA 608	-88	-88	42	133	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	4,4'-DDD	n/a	=	0.113	µg/L	EPA 608	0.003	0.05			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	4,4'-DDD	n/a	=	113	%	EPA 608	-88	-88	42	133	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	4,4'-DDD	n/a	=	0.127	µg/L	EPA 608	0.003	0.05			GB
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	4,4'-DDD	n/a	=	127	%	EPA 608	-88	-88	23	124	GB
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	4,4'-DDD	n/a	=	0.134	µg/L	EPA 608	0.003	0.05			GB
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	4,4'-DDD	n/a	=	134	%	EPA 608	-88	-88	23	124	GB
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	4,4'-DDD	n/a	=	5	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	4,4'-DDD	n/a	=	0.075	µg/L	EPA 608	0.003	0.05			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	4,4'-DDD	n/a	=	75	%	EPA 608	-88	-88	23	124	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	4,4'-DDD	n/a	=	0.0798	µg/L	EPA 608	0.003	0.05			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	4,4'-DDD	n/a	=	80	%	EPA 608	-88	-88	23	124	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	4,4'-DDD	n/a	=	6	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	4,4'-DDE	n/a	=	0.0887	µg/L	EPA 608	0.0025	0.05			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	4,4'-DDE	n/a	=	89	%	EPA 608	-88	-88	33	126	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	4,4'-DDE	n/a	=	0.0963	µg/L	EPA 608	0.0025	0.05			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	4,4'-DDE	n/a	=	96	%	EPA 608	-88	-88	33	126	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	4,4'-DDE	n/a	=	8	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	4,4'-DDE	n/a	=	0.0707	µg/L	EPA 608	0.0025	0.05			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	4,4'-DDE	n/a	=	71	%	EPA 608	-88	-88	33	126	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	4,4'-DDE	n/a	=	0.0936	µg/L	EPA 608	0.0025	0.05			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	4,4'-DDE	n/a	=	94	%	EPA 608	-88	-88	33	126	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	4,4'-DDE	n/a	=	0.0966	µg/L	EPA 608	0.0025	0.05			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	4,4'-DDE	n/a	=	97	%	EPA 608	-88	-88	30	114	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	4,4'-DDE	n/a	=	0.0993	µg/L	EPA 608	0.0025	0.05			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	4,4'-DDE	n/a	=	99	%	EPA 608	-88	-88	30	114	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	4,4'-DDE	n/a	=	3	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	4,4'-DDE	n/a	=	0.0671	µg/L	EPA 608	0.0025	0.05			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	4,4'-DDE	n/a	=	67	%	EPA 608	-88	-88	30	114	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	4,4'-DDE	n/a	=	0.0748	µg/L	EPA 608	0.0025	0.05			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	4,4'-DDE	n/a	=	75	%	EPA 608	-88	-88	30	114	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	4,4'-DDE	n/a	=	11	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	4,4'-DDT	n/a	=	0.109	µg/L	EPA 608	0.0031	0.01			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	4,4'-DDT	n/a	=	109	%	EPA 608	-88	-88	35	147	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	4,4'-DDT	n/a	=	0.116	µg/L	EPA 608	0.0031	0.01			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	4,4'-DDT	n/a	=	116	%	EPA 608	-88	-88	35	147	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	4,4'-DDT	n/a	=	7	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	4,4'-DDT	n/a	=	0.0836	µg/L	EPA 608	0.0031	0.01			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	4,4'-DDT	n/a	=	84	%	EPA 608	-88	-88	35	147	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	4,4'-DDT	n/a	=	0.0693	µg/L	EPA 608	0.0031	0.01			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	4,4'-DDT	n/a	=	69	%	EPA 608	-88	-88	35	147	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	4,4'-DDT	n/a	=	0.069	µg/L	EPA 608	0.0031	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	4,4'-DDT	n/a	=	69	%	EPA 608	-88	-88	11	151	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	4,4'-DDT	n/a	=	0.0668	µg/L	EPA 608	0.0031	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	4,4'-DDT	n/a	=	67	%	EPA 608	-88	-88	11	151	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	4,4'-DDT	n/a	=	3	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	4,4'-DDT	n/a	=	0.0827	µg/L	EPA 608	0.0031	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	4,4'-DDT	n/a	=	83	%	EPA 608	-88	-88	11	151	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	4,4'-DDT	n/a	=	0.0938	µg/L	EPA 608	0.0031	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	4,4'-DDT	n/a	=	94	%	EPA 608	-88	-88	11	151	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	4,4'-DDT	n/a	=	13	%	EPA 608	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	Acifluorfen	n/a	=	3.43	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	Acifluorfen	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	Acifluorfen	n/a	=	3.62	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	Acifluorfen	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	Acifluorfen	n/a	=	3.29	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	Acifluorfen	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	Acifluorfen	n/a	=	3.4	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	Acifluorfen	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	Acifluorfen	n/a	=	3.17	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	Acifluorfen	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Acifluorfen	n/a	=	3.63	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Acifluorfen	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	Acifluorfen	n/a	=	3.05	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	Acifluorfen	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	Acifluorfen	n/a	=	3.25	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	Acifluorfen	n/a	=	81	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	Acifluorfen	n/a	=	3.15	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	Acifluorfen	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	Acifluorfen	n/a	=	4.28	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	Acifluorfen	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	Acifluorfen	n/a	=	4.57	µg/L	EPA 515.3	0.06	0.4			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	Acifluorfen	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	Acifluorfen	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Alachlor	n/a	=	4.73	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	58	164	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Alachlor	n/a	=	4.47	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Alachlor	n/a	=	89	%	EPA 525.2	-88	-88	58	164	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Alachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Alachlor	n/a	=	4.94	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Alachlor	n/a	=	99	%	EPA 525.2	-88	-88	58	164	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Alachlor	n/a	=	4.53	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Alachlor	n/a	=	91	%	EPA 525.2	-88	-88	58	164	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Alachlor	n/a	=	4.73	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	58	177	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Alachlor	n/a	=	4.63	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Alachlor	n/a	=	93	%	EPA 525.2	-88	-88	58	177	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Alachlor	n/a	=	5.14	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Alachlor	n/a	=	103	%	EPA 525.2	-88	-88	58	177	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Alachlor	n/a	=	5.66	µg/L	EPA 525.2	0.022	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Alachlor	n/a	=	113	%	EPA 525.2	-88	-88	58	177	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Alachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Aldrin	n/a	=	0.0825	µg/L	EPA 608	0.0015	0.005			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Aldrin	n/a	=	82	%	EPA 608	-88	-88	18	117	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	Aldrin	n/a	=	0.0966	µg/L	EPA 608	0.0015	0.005			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	Aldrin	n/a	=	97	%	EPA 608	-88	-88	18	117	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	Aldrin	n/a	=	16	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	Aldrin	n/a	=	0.0857	µg/L	EPA 608	0.0015	0.005			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	Aldrin	n/a	=	86	%	EPA 608	-88	-88	18	117	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	Aldrin	n/a	=	0.0834	µg/L	EPA 608	0.0015	0.005			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	Aldrin	n/a	=	83	%	EPA 608	-88	-88	18	117	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	Aldrin	n/a	=	0.0839	µg/L	EPA 608	0.0015	0.005			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	Aldrin	n/a	=	84	%	EPA 608	-88	-88	18	110	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	Aldrin	n/a	=	0.0804	µg/L	EPA 608	0.0015	0.005			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	Aldrin	n/a	=	80	%	EPA 608	-88	-88	18	110	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	Aldrin	n/a	=	4	%	EPA 608	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	Aldrin	n/a	=	0.0787	µg/L	EPA 608	0.0015	0.005			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	Aldrin	n/a	=	79	%	EPA 608	-88	-88	18	110	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	Aldrin	n/a	=	0.0874	µg/L	EPA 608	0.0015	0.005			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	Aldrin	n/a	=	87	%	EPA 608	-88	-88	18	110	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	Aldrin	n/a	=	10	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	alpha-BHC	n/a	=	0.102	µg/L	EPA 608	0.0018	0.01			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	alpha-BHC	n/a	=	102	%	EPA 608	-88	-88	47	119	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	alpha-BHC	n/a	=	0.118	µg/L	EPA 608	0.0018	0.01			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	alpha-BHC	n/a	=	118	%	EPA 608	-88	-88	47	119	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	alpha-BHC	n/a	=	15	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	alpha-BHC	n/a	=	0.092	µg/L	EPA 608	0.0018	0.01			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	alpha-BHC	n/a	=	92	%	EPA 608	-88	-88	47	119	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	alpha-BHC	n/a	=	0.0887	µg/L	EPA 608	0.0018	0.01			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	alpha-BHC	n/a	=	89	%	EPA 608	-88	-88	47	119	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	alpha-BHC	n/a	=	0.0953	µg/L	EPA 608	0.0018	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	alpha-BHC	n/a	=	95	%	EPA 608	-88	-88	43	114	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	alpha-BHC	n/a	=	0.0954	µg/L	EPA 608	0.0018	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	alpha-BHC	n/a	=	95	%	EPA 608	-88	-88	43	114	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	alpha-BHC	n/a	=	0.2	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	alpha-BHC	n/a	=	0.0798	µg/L	EPA 608	0.0018	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	alpha-BHC	n/a	=	80	%	EPA 608	-88	-88	43	114	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	alpha-BHC	n/a	=	0.0889	µg/L	EPA 608	0.0018	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	alpha-BHC	n/a	=	89	%	EPA 608	-88	-88	43	114	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	alpha-BHC	n/a	=	11	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2012/13-5	Lab	method blank	5/11/2013	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2012/13-5	Lab	method blank	6/16/2013	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Atrazine	n/a	=	4.97	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Atrazine	n/a	=	99	%	EPA 525.2	-88	-88	68	133	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Atrazine	n/a	=	4.57	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Atrazine	n/a	=	91	%	EPA 525.2	-88	-88	68	133	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Atrazine	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Atrazine	n/a	=	5.19	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Atrazine	n/a	=	104	%	EPA 525.2	-88	-88	68	133	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Atrazine	n/a	=	5.24	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Atrazine	n/a	=	105	%	EPA 525.2	-88	-88	68	133	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Atrazine	n/a	=	5.7	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Atrazine	n/a	=	114	%	EPA 525.2	-88	-88	53	142	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Atrazine	n/a	=	5.76	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Atrazine	n/a	=	115	%	EPA 525.2	-88	-88	53	142	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Atrazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Atrazine	n/a	=	4.91	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Atrazine	n/a	=	98	%	EPA 525.2	-88	-88	53	142	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Atrazine	n/a	=	4.6	µg/L	EPA 525.2	0.034	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Atrazine	n/a	=	92	%	EPA 525.2	-88	-88	53	142	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Atrazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Azinphos methyl	n/a	=	0.063	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Azinphos methyl	n/a	=	126	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Azinphos methyl	n/a	=	0.0435	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Azinphos methyl	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Azinphos methyl	n/a	=	0.0428	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Azinphos methyl	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Azinphos methyl	n/a	=	0.039	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Azinphos methyl	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Azinphos methyl	n/a	=	0.0379	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Azinphos methyl	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Azinphos methyl	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Azinphos methyl	n/a	=	0.0256	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Azinphos methyl	n/a	=	51	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Azinphos methyl	n/a	=	0.0277	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Azinphos methyl	n/a	=	55	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Azinphos methyl	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Azinphos methyl	n/a	=	0.0426	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Azinphos methyl	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Azinphos methyl	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Azinphos methyl	n/a	=	0.0436	µg/L	EPA 525.2	0.0055	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Azinphos methyl	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	Bentazon	n/a	=	14.6	µg/L	EPA 515.3	0.11	2			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	Bentazon	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	Bentazon	n/a	=	14.5	µg/L	EPA 515.3	0.11	2			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	Bentazon	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	Bentazon	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	Bentazon	n/a	=	13.6	µg/L	EPA 515.3	0.11	2			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	Bentazon	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	Bentazon	n/a	=	13.9	µg/L	EPA 515.3	0.11	2			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	Bentazon	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	Bentazon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	Bentazon	n/a	=	14.7	µg/L	EPA 515.3	0.11	2			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	Bentazon	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Bentazon	n/a	=	14.5	µg/L	EPA 515.3	0.11	2			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Bentazon	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	Bentazon	n/a	=	14.6	µg/L	EPA 515.3	0.11	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	Bentazon	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	Bentazon	n/a	=	15	µg/L	EPA 515.3	0.11	2			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	Bentazon	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	Bentazon	n/a	=	14.8	µg/L	EPA 515.3	0.11	2			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	Bentazon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	Bentazon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	Bentazon	n/a	=	14.2	µg/L	EPA 515.3	0.11	2			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	Bentazon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	Bentazon	n/a	=	14.2	µg/L	EPA 515.3	0.11	2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	Bentazon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	Bentazon	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	beta-BHC	n/a	=	0.0892	µg/L	EPA 608	0.0031	0.005			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	beta-BHC	n/a	=	89	%	EPA 608	-88	-88	53	123	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	beta-BHC	n/a	=	0.0938	µg/L	EPA 608	0.0031	0.005			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	beta-BHC	n/a	=	94	%	EPA 608	-88	-88	53	123	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	beta-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	beta-BHC	n/a	=	0.0767	µg/L	EPA 608	0.0031	0.005			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	beta-BHC	n/a	=	77	%	EPA 608	-88	-88	53	123	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	beta-BHC	n/a	=	0.0951	µg/L	EPA 608	0.0031	0.005			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	beta-BHC	n/a	=	95	%	EPA 608	-88	-88	53	123	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	beta-BHC	n/a	=	0.109	µg/L	EPA 608	0.0031	0.005			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	beta-BHC	n/a	=	109	%	EPA 608	-88	-88	24	135	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	beta-BHC	n/a	=	0.109	µg/L	EPA 608	0.0031	0.005			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	beta-BHC	n/a	=	109	%	EPA 608	-88	-88	24	135	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	beta-BHC	n/a	=	0.01	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	beta-BHC	n/a	=	0.0793	µg/L	EPA 608	0.0031	0.005			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	beta-BHC	n/a	=	79	%	EPA 608	-88	-88	24	135	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	beta-BHC	n/a	=	0.0882	µg/L	EPA 608	0.0031	0.005			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	beta-BHC	n/a	=	88	%	EPA 608	-88	-88	24	135	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	beta-BHC	n/a	=	11	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Bolstar	n/a	=	0.0528	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Bolstar	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Bolstar	n/a	=	0.0383	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Bolstar	n/a	=	77	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Bolstar	n/a	=	0.0567	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Bolstar	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Bolstar	n/a	=	0.0449	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Bolstar	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Bolstar	n/a	=	0.047	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Bolstar	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Bolstar	n/a	=	5	%	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	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Bolstar	n/a	=	0.0494	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Bolstar	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Bolstar	n/a	=	0.0483	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Bolstar	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Bolstar	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Bolstar	n/a	=	0.0736	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Bolstar	n/a	=	147	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Bolstar	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Bolstar	n/a	=	0.0748	µg/L	EPA 525.2	0.0046	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Bolstar	n/a	=	150	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Bromacil	n/a	=	5.54	µg/L	EPA 525.2	0.038	1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Bromacil	n/a	=	111	%	EPA 525.2	-88	-88	43	177	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Bromacil	n/a	=	4.65	µg/L	EPA 525.2	0.038	1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Bromacil	n/a	=	93	%	EPA 525.2	-88	-88	43	177	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Bromacil	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Bromacil	n/a	=	5.96	µg/L	EPA 525.2	0.038	1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Bromacil	n/a	=	119	%	EPA 525.2	-88	-88	43	177	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Bromacil	n/a	=	5.83	µg/L	EPA 525.2	0.038	1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Bromacil	n/a	=	117	%	EPA 525.2	-88	-88	43	177	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Bromacil	n/a	=	6.17	µg/L	EPA 525.2	0.038	1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Bromacil	n/a	=	123	%	EPA 525.2	-88	-88	71	182	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Bromacil	n/a	=	6.05	µg/L	EPA 525.2	0.038	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Bromacil	n/a	=	121	%	EPA 525.2	-88	-88	71	182	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Bromacil	n/a	=	5.55	µg/L	EPA 525.2	0.038	1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Bromacil	n/a	=	111	%	EPA 525.2	-88	-88	71	182	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Bromacil	n/a	=	5.92	µg/L	EPA 525.2	0.038	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Bromacil	n/a	=	118	%	EPA 525.2	-88	-88	71	182	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Bromacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Butachlor	n/a	=	5.43	µg/L	EPA 525.2	0.017	0.2			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Butachlor	n/a	=	109	%	EPA 525.2	-88	-88	55	178	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Butachlor	n/a	=	5.26	µg/L	EPA 525.2	0.017	0.2			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Butachlor	n/a	=	105	%	EPA 525.2	-88	-88	55	178	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Butachlor	n/a	=	5.94	µg/L	EPA 525.2	0.017	0.2			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Butachlor	n/a	=	119	%	EPA 525.2	-88	-88	55	178	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Butachlor	n/a	=	4.71	µg/L	EPA 525.2	0.017	0.2			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Butachlor	n/a	=	94	%	EPA 525.2	-88	-88	55	178	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Butachlor	n/a	=	4.74	µg/L	EPA 525.2	0.017	0.2			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Butachlor	n/a	=	95	%	EPA 525.2	-88	-88	67	181	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Butachlor	n/a	=	4.78	µg/L	EPA 525.2	0.017	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Butachlor	n/a	=	96	%	EPA 525.2	-88	-88	67	181	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Butachlor	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Butachlor	n/a	=	5.83	µg/L	EPA 525.2	0.017	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Butachlor	n/a	=	117	%	EPA 525.2	-88	-88	67	181	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Butachlor	n/a	=	6.46	µg/L	EPA 525.2	0.017	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Butachlor	n/a	=	129	%	EPA 525.2	-88	-88	67	181	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Butachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Captan	n/a	=	4.43	µg/L	EPA 525.2	0.86	1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Captan	n/a	=	89	%	EPA 525.2	-88	-88	20	215	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Captan	n/a	=	4.38	µg/L	EPA 525.2	0.86	1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Captan	n/a	=	88	%	EPA 525.2	-88	-88	20	215	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Captan	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Captan	n/a	=	5.64	µg/L	EPA 525.2	0.86	1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Captan	n/a	=	113	%	EPA 525.2	-88	-88	20	215	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Captan	n/a	=	5.53	µg/L	EPA 525.2	0.86	1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Captan	n/a	=	111	%	EPA 525.2	-88	-88	20	215	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Captan	n/a	=	7.24	µg/L	EPA 525.2	0.86	1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Captan	n/a	=	145	%	EPA 525.2	-88	-88	45	182	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Captan	n/a	=	6.87	µg/L	EPA 525.2	0.86	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Captan	n/a	=	137	%	EPA 525.2	-88	-88	45	182	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Captan	n/a	=	7.35	µg/L	EPA 525.2	0.86	1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Captan	n/a	=	147	%	EPA 525.2	-88	-88	45	182	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Captan	n/a	=	6.56	µg/L	EPA 525.2	0.86	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Captan	n/a	=	131	%	EPA 525.2	-88	-88	45	182	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Captan	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Chloropropham	n/a	=	6.1	µg/L	EPA 525.2	0.01	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Chloropropham	n/a	=	122	%	EPA 525.2	-88	-88	74	133	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Chloropropham	n/a	=	6.21	µg/L	EPA 525.2	0.01	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Chloropropham	n/a	=	124	%	EPA 525.2	-88	-88	74	133	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Chloropropham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Chloropropham	n/a	=	5.94	µg/L	EPA 525.2	0.01	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Chloropropham	n/a	=	119	%	EPA 525.2	-88	-88	74	133	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Chloropropham	n/a	=	5.91	µg/L	EPA 525.2	0.01	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Chloropropham	n/a	=	118	%	EPA 525.2	-88	-88	74	133	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Chloropropham	n/a	=	6.92	µg/L	EPA 525.2	0.01	0.1			GB
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Chloropropham	n/a	=	138	%	EPA 525.2	-88	-88	76	137	GB
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Chloropropham	n/a	=	7.04	µg/L	EPA 525.2	0.01	0.1			GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Chloropropham	n/a	=	141	%	EPA 525.2	-88	-88	76	137	GB
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Chloropropham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Chloropropham	n/a	=	6.51	µg/L	EPA 525.2	0.01	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Chloropropham	n/a	=	130	%	EPA 525.2	-88	-88	76	137	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Chloropropham	n/a	=	6.47	µg/L	EPA 525.2	0.01	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Chloropropham	n/a	=	129	%	EPA 525.2	-88	-88	76	137	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Chloropropham	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Chlorpyrifos	n/a	=	0.0502	µg/L	EPA 525.2	0.0069	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Chlorpyrifos	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Chlorpyrifos	n/a	=	0.0468	µg/L	EPA 525.2	0.0069	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Chlorpyrifos	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Chlorpyrifos	n/a	=	0.0452	µg/L	EPA 525.2	0.0069	0.01			IP
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Chlorpyrifos	n/a	=	0.126	µg/L	EPA 525.2	0.0069	0.01			EUM
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Chlorpyrifos	n/a	=	251	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Chlorpyrifos	n/a	=	0.0594	µg/L	EPA 525.2	0.0069	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Chlorpyrifos	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Chlorpyrifos	n/a	=	0.0617	µg/L	EPA 525.2	0.0069	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Chlorpyrifos	n/a	=	123	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Chlorpyrifos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Chlorpyrifos	n/a	=	0.0513	µg/L	EPA 525.2	0.0069	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Chlorpyrifos	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Chlorpyrifos	n/a	=	0.0496	µg/L	EPA 525.2	0.0069	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Chlorpyrifos	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Chlorpyrifos	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxn	matrix spike dup	4/29/2013	Pesticide	Chlorpyrifos	n/a	=	0.197	µg/L	EPA 525.2	0.0069	0.01			GB
2012/13-5	MO-oxn	matrix spike dup, rec	4/29/2013	Pesticide	Chlorpyrifos	n/a	=	393	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-oxn	matrix spike, RPD	4/29/2013	Pesticide	Chlorpyrifos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxn	matrix spike	4/29/2013	Pesticide	Chlorpyrifos	n/a	=	0.216	µg/L	EPA 525.2	0.0069	0.01			GB
2012/13-5	MO-oxn	matrix spike, rec	4/29/2013	Pesticide	Chlorpyrifos	n/a	=	433	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Coumaphos	n/a	=	0.0586	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Coumaphos	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Coumaphos	n/a	=	0.0529	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Coumaphos	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Coumaphos	n/a	=	0.0627	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Coumaphos	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Coumaphos	n/a	=	0.0447	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Coumaphos	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Coumaphos	n/a	=	0.0451	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Coumaphos	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Coumaphos	n/a	=	0.7	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Coumaphos	n/a	=	0.0404	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Coumaphos	n/a	=	81	%	EPA 525.2	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Coumaphos	n/a	=	0.0344	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Coumaphos	n/a	=	69	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Coumaphos	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Coumaphos	n/a	=	0.0739	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Coumaphos	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Coumaphos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Coumaphos	n/a	=	0.067	µg/L	EPA 525.2	0.0051	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Coumaphos	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Cyanazine	n/a	=	5.2	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Cyanazine	n/a	=	104	%	EPA 525.2	-88	-88	69	131	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Cyanazine	n/a	=	4.47	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Cyanazine	n/a	=	89	%	EPA 525.2	-88	-88	69	131	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Cyanazine	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Cyanazine	n/a	=	5.39	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Cyanazine	n/a	=	108	%	EPA 525.2	-88	-88	69	131	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Cyanazine	n/a	=	4.96	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Cyanazine	n/a	=	99	%	EPA 525.2	-88	-88	69	131	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Cyanazine	n/a	=	3.61	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Cyanazine	n/a	=	72	%	EPA 525.2	-88	-88	26	145	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Cyanazine	n/a	=	3.92	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Cyanazine	n/a	=	78	%	EPA 525.2	-88	-88	26	145	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Cyanazine	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Cyanazine	n/a	=	3.02	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Cyanazine	n/a	=	60	%	EPA 525.2	-88	-88	26	145	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Cyanazine	n/a	=	2.63	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Cyanazine	n/a	=	53	%	EPA 525.2	-88	-88	26	145	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Cyanazine	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	Dalapon	n/a	=	8.23	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	Dalapon	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	Dalapon	n/a	=	7.01	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	Dalapon	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	Dalapon	n/a	=	16	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	Dalapon	n/a	=	7.48	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	Dalapon	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	Dalapon	n/a	=	7.87	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	Dalapon	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	Dalapon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	Dalapon	n/a	=	6.37	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	Dalapon	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Dalapon	n/a	=	8.26	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Dalapon	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS	6/6/2013	Pesticide	Dalapon	n/a	=	6.38	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	Dalapon	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	Dalapon	n/a	=	6.72	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	Dalapon	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	Dalapon	n/a	=	6.57	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	Dalapon	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	Dalapon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	Dalapon	n/a	=	8.13	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	Dalapon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	Dalapon	n/a	=	8.2	µg/L	EPA 515.3	0.1	0.4			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	Dalapon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	Dalapon	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.95	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	4.06	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.32	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.7	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	11	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.97	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	DCPA (Dacthal)	n/a	=	4.2	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	DCPA (Dacthal)	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	2.97	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	5.84	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	6	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	DCPA (Dacthal)	n/a	=	4	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.98	µg/L	EPA 515.3	0.07	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	DCPA (Dacthal)	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	delta-BHC	n/a	=	0.0972	µg/L	EPA 608	0.0025	0.005			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	delta-BHC	n/a	=	97	%	EPA 608	-88	-88	51	123	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	delta-BHC	n/a	=	0.103	µg/L	EPA 608	0.0025	0.005			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	delta-BHC	n/a	=	103	%	EPA 608	-88	-88	51	123	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	delta-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	delta-BHC	n/a	=	0.0758	µg/L	EPA 608	0.0025	0.005			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	delta-BHC	n/a	=	76	%	EPA 608	-88	-88	51	123	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	delta-BHC	n/a	=	0.101	µg/L	EPA 608	0.0025	0.005			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	delta-BHC	n/a	=	101	%	EPA 608	-88	-88	51	123	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	delta-BHC	n/a	=	0.103	µg/L	EPA 608	0.0025	0.005			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	delta-BHC	n/a	=	103	%	EPA 608	-88	-88	37	122	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	delta-BHC	n/a	=	0.104	µg/L	EPA 608	0.0025	0.005			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	delta-BHC	n/a	=	104	%	EPA 608	-88	-88	37	122	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	delta-BHC	n/a	=	0.4	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	delta-BHC	n/a	=	0.0759	µg/L	EPA 608	0.0025	0.005			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	delta-BHC	n/a	=	76	%	EPA 608	-88	-88	37	122	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	delta-BHC	n/a	=	0.0845	µg/L	EPA 608	0.0025	0.005			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	delta-BHC	n/a	=	84	%	EPA 608	-88	-88	37	122	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	delta-BHC	n/a	=	11	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Demeton-O	n/a	=	0.0984	µg/L	EPA 525.2	0.01	0.01			EUM
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Demeton-O	n/a	=	197	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Demeton-O	n/a	=	0.1	µg/L	EPA 525.2	0.01	0.01			EUM
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Demeton-O	n/a	=	201	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Demeton-O	n/a	=	0.0714	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Demeton-O	n/a	=	143	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Demeton-O	n/a	=	0.0646	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Demeton-O	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Demeton-O	n/a	=	0.0624	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Demeton-O	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Demeton-O	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Demeton-O	n/a	=	0.16	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Demeton-O	n/a	=	320	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Demeton-O	n/a	=	0.159	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Demeton-O	n/a	=	319	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Demeton-O	n/a	=	0.4	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxn	matrix spike dup	4/29/2013	Pesticide	Demeton-O	n/a	=	0.11	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-oxn	matrix spike dup, rec	4/29/2013	Pesticide	Demeton-O	n/a	=	220	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-oxn	matrix spike, RPD	4/29/2013	Pesticide	Demeton-O	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxn	matrix spike	4/29/2013	Pesticide	Demeton-O	n/a	=	0.115	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-oxn	matrix spike, rec	4/29/2013	Pesticide	Demeton-O	n/a	=	230	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Demeton-S	n/a	=	0.0984	µg/L	EPA 525.2	0.01	0.01			EUM
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Demeton-S	n/a	=	197	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Demeton-S	n/a	=	0.1	µg/L	EPA 525.2	0.01	0.01			EUM
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Demeton-S	n/a	=	201	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Demeton-S	n/a	=	0.0714	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Demeton-S	n/a	=	143	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Demeton-S	n/a	=	0.0646	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Demeton-S	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Demeton-S	n/a	=	0.0624	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Demeton-S	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Demeton-S	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Demeton-S	n/a	=	0.16	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Demeton-S	n/a	=	320	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Demeton-S	n/a	=	0.159	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Demeton-S	n/a	=	319	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Demeton-S	n/a	=	0.4	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Demeton-S	n/a	=	0.11	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Demeton-S	n/a	=	220	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Demeton-S	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Demeton-S	n/a	=	0.115	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Demeton-S	n/a	=	230	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Diazinon	n/a	=	0.0503	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Diazinon	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Diazinon	n/a	=	0.0498	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Diazinon	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Diazinon	n/a	=	0.0575	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Diazinon	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Diazinon	n/a	=	0.0537	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Diazinon	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Diazinon	n/a	=	0.054	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Diazinon	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Diazinon	n/a	=	0.5	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Diazinon	n/a	=	0.0467	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Diazinon	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Diazinon	n/a	=	0.0443	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Diazinon	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Diazinon	n/a	=	0.0514	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Diazinon	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Diazinon	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Diazinon	n/a	=	0.0554	µg/L	EPA 525.2	0.0052	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Diazinon	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	Dicamba	n/a	=	7.73	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	Dicamba	n/a	=	7.75	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	Dicamba	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	Dicamba	n/a	=	6.13	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	
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	Dicamba	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	Dicamba	n/a	=	6.24	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	Dicamba	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	Dicamba	n/a	=	7.76	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Dicamba	n/a	=	8.39	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Dicamba	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	Dicamba	n/a	=	5.95	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	Dicamba	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	Dicamba	n/a	=	6.19	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	Dicamba	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	Dicamba	n/a	=	6.08	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	Dicamba	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	Dicamba	n/a	=	7.65	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	Dicamba	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	Dicamba	n/a	=	7.57	µg/L	EPA 515.3	0.12	0.6			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	Dicamba	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	Dicamba	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	Dichlorprop	n/a	=	7.17	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	Dichlorprop	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	Dichlorprop	n/a	=	7.38	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	Dichlorprop	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	Dichlorprop	n/a	=	6.39	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	Dichlorprop	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	Dichlorprop	n/a	=	6.45	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	Dichlorprop	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	Dichlorprop	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	Dichlorprop	n/a	=	8.12	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Dichlorprop	n/a	=	8.95	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Dichlorprop	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	Dichlorprop	n/a	=	6.92	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	Dichlorprop	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	Dichlorprop	n/a	=	6.8	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	Dichlorprop	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	Dichlorprop	n/a	=	6.71	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	Dichlorprop	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	Dichlorprop	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	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	Dichlorprop	n/a	=	8.01	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	Dichlorprop	n/a	=	7.97	µg/L	EPA 515.3	0.08	0.3			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	Dichlorprop	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Dichlorvos	n/a	=	0.0393	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Dichlorvos	n/a	=	79	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Dichlorvos	n/a	=	0.0381	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Dichlorvos	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Dichlorvos	n/a	=	0.0469	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Dichlorvos	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Dichlorvos	n/a	=	0.0406	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Dichlorvos	n/a	=	81	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Dichlorvos	n/a	=	0.0392	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Dichlorvos	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Dichlorvos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Dichlorvos	n/a	=	0.0356	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Dichlorvos	n/a	=	71	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Dichlorvos	n/a	=	0.0366	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Dichlorvos	n/a	=	73	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Dichlorvos	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Dichlorvos	n/a	=	0.0408	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Dichlorvos	n/a	=	82	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Dichlorvos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Dichlorvos	n/a	=	0.0401	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Dichlorvos	n/a	=	80	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Dieldrin	n/a	=	0.101	µg/L	EPA 608	0.0021	0.01			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Dieldrin	n/a	=	101	%	EPA 608	-88	-88	48	123	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	Dieldrin	n/a	=	0.108	µg/L	EPA 608	0.0021	0.01			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	Dieldrin	n/a	=	108	%	EPA 608	-88	-88	48	123	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	Dieldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	Dieldrin	n/a	=	0.0947	µg/L	EPA 608	0.0021	0.01			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	Dieldrin	n/a	=	95	%	EPA 608	-88	-88	48	123	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	Dieldrin	n/a	=	0.0909	µg/L	EPA 608	0.0021	0.01			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	Dieldrin	n/a	=	91	%	EPA 608	-88	-88	48	123	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	Dieldrin	n/a	=	0.095	µg/L	EPA 608	0.0021	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	Dieldrin	n/a	=	95	%	EPA 608	-88	-88	27	132	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	Dieldrin	n/a	=	0.0925	µg/L	EPA 608	0.0021	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	Dieldrin	n/a	=	92	%	EPA 608	-88	-88	27	132	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	Dieldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	Dieldrin	n/a	=	0.0904	µg/L	EPA 608	0.0021	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	Dieldrin	n/a	=	90	%	EPA 608	-88	-88	27	132	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	Dieldrin	n/a	=	0.0951	µg/L	EPA 608	0.0021	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	Dieldrin	n/a	=	95	%	EPA 608	-88	-88	27	132	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	Dieldrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Dimethoate	n/a	=	0.074	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Dimethoate	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Dimethoate	n/a	=	0.0594	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Dimethoate	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Dimethoate	n/a	=	0.0828	µg/L	EPA 525.2	0.0062	0.01			EUM
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Dimethoate	n/a	=	166	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Dimethoate	n/a	=	0.0589	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Dimethoate	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Dimethoate	n/a	=	0.0533	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Dimethoate	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Dimethoate	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Dimethoate	n/a	=	0.0569	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Dimethoate	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Dimethoate	n/a	=	0.0483	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Dimethoate	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Dimethoate	n/a	=	16	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Dimethoate	n/a	=	0.0676	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Dimethoate	n/a	=	135	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Dimethoate	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Dimethoate	n/a	=	0.0721	µg/L	EPA 525.2	0.0062	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Dimethoate	n/a	=	144	%	EPA 525.2	-88	-88	50	150	
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	Dinoseb	n/a	=	3.7	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	Dinoseb	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	Dinoseb	n/a	=	3.81	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	Dinoseb	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	Dinoseb	n/a	=	3.47	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	Dinoseb	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	Dinoseb	n/a	=	3.57	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	Dinoseb	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	Dinoseb	n/a	=	3.5	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	Dinoseb	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Dinoseb	n/a	=	4.22	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Dinoseb	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	Dinoseb	n/a	=	3.54	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	Dinoseb	n/a	=	88	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	Dinoseb	n/a	=	3.74	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	Dinoseb	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	Dinoseb	n/a	=	3.65	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	Dinoseb	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	Dinoseb	n/a	=	4.39	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	Dinoseb	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	Dinoseb	n/a	=	4.53	µg/L	EPA 515.3	0.14	0.4			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	Dinoseb	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Diphenamid	n/a	=	4.85	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Diphenamid	n/a	=	97	%	EPA 525.2	-88	-88	82	144	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Diphenamid	n/a	=	4.85	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Diphenamid	n/a	=	97	%	EPA 525.2	-88	-88	82	144	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Diphenamid	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Diphenamid	n/a	=	5.23	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Diphenamid	n/a	=	105	%	EPA 525.2	-88	-88	82	144	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Diphenamid	n/a	=	5.22	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	82	144	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Diphenamid	n/a	=	6.26	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Diphenamid	n/a	=	125	%	EPA 525.2	-88	-88	86	130	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Diphenamid	n/a	=	6.3	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Diphenamid	n/a	=	126	%	EPA 525.2	-88	-88	86	130	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Diphenamid	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Diphenamid	n/a	=	5.22	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	86	130	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Diphenamid	n/a	=	5.21	µg/L	EPA 525.2	0.024	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	86	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Diphenamid	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Disulfoton	n/a	=	0.12	µg/L	EPA 525.2	0.01	0.01			EUM
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Disulfoton	n/a	=	240	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Disulfoton	n/a	=	0.112	µg/L	EPA 525.2	0.01	0.01			EUM
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Disulfoton	n/a	=	225	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Disulfoton	n/a	=	0.0726	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Disulfoton	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Disulfoton	n/a	=	0.0665	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Disulfoton	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Disulfoton	n/a	=	0.0657	µg/L	EPA 525.2	0.01	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Disulfoton	n/a	=	131	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Disulfoton	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Disulfoton	n/a	=	0.171	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	
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Disulfoton	n/a	=	343	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Disulfoton	n/a	=	0.167	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Disulfoton	n/a	=	334	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Disulfoton	n/a	=	0.134	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Disulfoton	n/a	=	267	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Disulfoton	n/a	=	0.6	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Disulfoton	n/a	=	0.134	µg/L	EPA 525.2	0.01	0.01			GB
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Disulfoton	n/a	=	269	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Endosulfan I	n/a	=	0.0771	µg/L	EPA 608	0.0017	0.02			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Endosulfan I	n/a	=	77	%	EPA 608	-88	-88	14	131	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	Endosulfan I	n/a	=	0.0822	µg/L	EPA 608	0.0017	0.02			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	Endosulfan I	n/a	=	82	%	EPA 608	-88	-88	14	131	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	Endosulfan I	n/a	=	6	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	Endosulfan I	n/a	=	0.066	µg/L	EPA 608	0.0017	0.02			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	Endosulfan I	n/a	=	66	%	EPA 608	-88	-88	14	131	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	Endosulfan I	n/a	=	0.0754	µg/L	EPA 608	0.0017	0.02			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	Endosulfan I	n/a	=	75	%	EPA 608	-88	-88	14	131	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	Endosulfan I	n/a	=	0.0777	µg/L	EPA 608	0.0017	0.02			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	Endosulfan I	n/a	=	78	%	EPA 608	-88	-88	0.1	140	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	Endosulfan I	n/a	=	0.0752	µg/L	EPA 608	0.0017	0.02			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	Endosulfan I	n/a	=	75	%	EPA 608	-88	-88	0.1	140	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	Endosulfan I	n/a	=	3	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	Endosulfan I	n/a	=	0.0688	µg/L	EPA 608	0.0017	0.02			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	Endosulfan I	n/a	=	69	%	EPA 608	-88	-88	0.1	140	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	Endosulfan I	n/a	=	0.073	µg/L	EPA 608	0.0017	0.02			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	Endosulfan I	n/a	=	73	%	EPA 608	-88	-88	0.1	140	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	Endosulfan I	n/a	=	6	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Endosulfan II	n/a	=	0.0894	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Endosulfan II	n/a	=	89	%	EPA 608	-88	-88	40	121	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	Endosulfan II	n/a	=	0.0936	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	Endosulfan II	n/a	=	94	%	EPA 608	-88	-88	40	121	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	Endosulfan II	n/a	=	5	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	Endosulfan II	n/a	=	0.0777	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	Endosulfan II	n/a	=	78	%	EPA 608	-88	-88	40	121	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	Endosulfan II	n/a	=	0.0795	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	Endosulfan II	n/a	=	79	%	EPA 608	-88	-88	40	121	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	Endosulfan II	n/a	=	0.0856	µg/L	EPA 608	0.0019	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	Endosulfan II	n/a	=	86	%	EPA 608	-88	-88	17	122	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	Endosulfan II	n/a	=	0.0876	µg/L	EPA 608	0.0019	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	Endosulfan II	n/a	=	88	%	EPA 608	-88	-88	17	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	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	Endosulfan II	n/a	=	2	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	Endosulfan II	n/a	=	0.08	µg/L	EPA 608	0.0019	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	Endosulfan II	n/a	=	80	%	EPA 608	-88	-88	17	122	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	Endosulfan II	n/a	=	0.0845	µg/L	EPA 608	0.0019	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	Endosulfan II	n/a	=	84	%	EPA 608	-88	-88	17	122	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	Endosulfan II	n/a	=	5	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Endosulfan sulfate	n/a	=	0.101	µg/L	EPA 608	0.008	0.05			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Endosulfan sulfate	n/a	=	101	%	EPA 608	-88	-88	44	140	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	Endosulfan sulfate	n/a	=	0.107	µg/L	EPA 608	0.008	0.05			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	Endosulfan sulfate	n/a	=	107	%	EPA 608	-88	-88	44	140	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	Endosulfan sulfate	n/a	=	6	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	Endosulfan sulfate	n/a	=	0.0814	µg/L	EPA 608	0.008	0.05			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	Endosulfan sulfate	n/a	=	81	%	EPA 608	-88	-88	44	140	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	Endosulfan sulfate	n/a	=	0.09	µg/L	EPA 608	0.008	0.05			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	Endosulfan sulfate	n/a	=	90	%	EPA 608	-88	-88	44	140	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	Endosulfan sulfate	n/a	=	0.108	µg/L	EPA 608	0.008	0.05			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	Endosulfan sulfate	n/a	=	108	%	EPA 608	-88	-88	37	131	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	Endosulfan sulfate	n/a	=	0.097	µg/L	EPA 608	0.008	0.05			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	Endosulfan sulfate	n/a	=	97	%	EPA 608	-88	-88	37	131	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	Endosulfan sulfate	n/a	=	11	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	Endosulfan sulfate	n/a	=	0.0906	µg/L	EPA 608	0.008	0.05			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	Endosulfan sulfate	n/a	=	91	%	EPA 608	-88	-88	37	131	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	Endosulfan sulfate	n/a	=	0.0968	µg/L	EPA 608	0.008	0.05			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	Endosulfan sulfate	n/a	=	97	%	EPA 608	-88	-88	37	131	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	Endosulfan sulfate	n/a	=	7	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Endrin	n/a	=	0.0814	µg/L	EPA 608	0.0028	0.01			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Endrin	n/a	=	81	%	EPA 608	-88	-88	40	143	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	Endrin	n/a	=	0.0879	µg/L	EPA 608	0.0028	0.01			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	Endrin	n/a	=	88	%	EPA 608	-88	-88	40	143	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	Endrin	n/a	=	8	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	Endrin	n/a	=	0.0683	µg/L	EPA 608	0.0028	0.01			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	Endrin	n/a	=	68	%	EPA 608	-88	-88	40	143	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	Endrin	n/a	=	0.101	µg/L	EPA 608	0.0028	0.01			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	Endrin	n/a	=	101	%	EPA 608	-88	-88	40	143	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	Endrin	n/a	=	0.13	µg/L	EPA 608	0.0028	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	Endrin	n/a	=	130	%	EPA 608	-88	-88	42	144	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	Endrin	n/a	=	0.131	µg/L	EPA 608	0.0028	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	Endrin	n/a	=	131	%	EPA 608	-88	-88	42	144	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	Endrin	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	Endrin	n/a	=	0.0875	µg/L	EPA 608	0.0028	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	Endrin	n/a	=	88	%	EPA 608	-88	-88	42	144	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	Endrin	n/a	=	0.0931	µg/L	EPA 608	0.0028	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	Endrin	n/a	=	93	%	EPA 608	-88	-88	42	144	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	Endrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Endrin aldehyde	n/a	=	0.0897	µg/L	EPA 608	0.003	0.01			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Endrin aldehyde	n/a	=	90	%	EPA 608	-88	-88	18	136	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	Endrin aldehyde	n/a	=	0.0917	µg/L	EPA 608	0.003	0.01			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	Endrin aldehyde	n/a	=	92	%	EPA 608	-88	-88	18	136	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	Endrin aldehyde	n/a	=	2	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	Endrin aldehyde	n/a	=	0.0717	µg/L	EPA 608	0.003	0.01			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	Endrin aldehyde	n/a	=	72	%	EPA 608	-88	-88	18	136	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	Endrin aldehyde	n/a	=	0.0827	µg/L	EPA 608	0.003	0.01			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	Endrin aldehyde	n/a	=	83	%	EPA 608	-88	-88	18	136	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	Endrin aldehyde	n/a	=	0.0851	µg/L	EPA 608	0.003	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	Endrin aldehyde	n/a	=	85	%	EPA 608	-88	-88	11	113	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	Endrin aldehyde	n/a	=	0.0886	µg/L	EPA 608	0.003	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	Endrin aldehyde	n/a	=	89	%	EPA 608	-88	-88	11	113	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	Endrin aldehyde	n/a	=	4	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	Endrin aldehyde	n/a	=	0.0756	µg/L	EPA 608	0.003	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	Endrin aldehyde	n/a	=	76	%	EPA 608	-88	-88	11	113	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	Endrin aldehyde	n/a	=	0.0781	µg/L	EPA 608	0.003	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	Endrin aldehyde	n/a	=	78	%	EPA 608	-88	-88	11	113	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	Endrin aldehyde	n/a	=	3	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	EPTC	n/a	=	4.52	µg/L	EPA 525.2	0.017	1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	EPTC	n/a	=	90	%	EPA 525.2	-88	-88	75	110	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	EPTC	n/a	=	4.58	µg/L	EPA 525.2	0.017	1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	EPTC	n/a	=	92	%	EPA 525.2	-88	-88	75	110	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	EPTC	n/a	=	4.97	µg/L	EPA 525.2	0.017	1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	EPTC	n/a	=	99	%	EPA 525.2	-88	-88	75	110	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	EPTC	n/a	=	5	µg/L	EPA 525.2	0.017	1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	75	110	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	EPTC	n/a	=	5.14	µg/L	EPA 525.2	0.017	1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	EPTC	n/a	=	103	%	EPA 525.2	-88	-88	67	119	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	EPTC	n/a	=	4.79	µg/L	EPA 525.2	0.017	1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	EPTC	n/a	=	96	%	EPA 525.2	-88	-88	67	119	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	EPTC	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	EPTC	n/a	=	5.1	µg/L	EPA 525.2	0.017	1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	EPTC	n/a	=	102	%	EPA 525.2	-88	-88	67	119	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	EPTC	n/a	=	5.23	µg/L	EPA 525.2	0.017	1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	67	119	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	EPTC	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	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Ethoprop	n/a	=	0.0569	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Ethoprop	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Ethoprop	n/a	=	0.0561	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Ethoprop	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Ethoprop	n/a	=	0.0649	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Ethoprop	n/a	=	130	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Ethoprop	n/a	=	0.0529	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Ethoprop	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Ethoprop	n/a	=	0.0532	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Ethoprop	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Ethoprop	n/a	=	0.6	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Ethoprop	n/a	=	0.0523	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Ethoprop	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Ethoprop	n/a	=	0.0509	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Ethoprop	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Ethoprop	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxn	matrix spike dup	4/29/2013	Pesticide	Ethoprop	n/a	=	0.0626	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	MO-oxn	matrix spike dup, rec	4/29/2013	Pesticide	Ethoprop	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-oxn	matrix spike, RPD	4/29/2013	Pesticide	Ethoprop	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxn	matrix spike	4/29/2013	Pesticide	Ethoprop	n/a	=	0.0609	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	MO-oxn	matrix spike, rec	4/29/2013	Pesticide	Ethoprop	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Ethyl parathion	n/a	=	0.0558	µg/L	EPA 525.2	0.0054	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Ethyl parathion	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Ethyl parathion	n/a	=	0.0502	µg/L	EPA 525.2	0.0054	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Ethyl parathion	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Ethyl parathion	n/a	=	0.0731	µg/L	EPA 525.2	0.0054	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Ethyl parathion	n/a	=	146	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Ethyl parathion	n/a	=	0.0485	µg/L	EPA 525.2	0.0054	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Ethyl parathion	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Ethyl parathion	n/a	=	0.0491	µg/L	EPA 525.2	0.0054	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Ethyl parathion	n/a	=	98	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Ethyl parathion	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Ethyl parathion	n/a	=	0.0457	µg/L	EPA 525.2	0.0054	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Ethyl parathion	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Ethyl parathion	n/a	=	0.0438	µg/L	EPA 525.2	0.0054	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Ethyl parathion	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Ethyl parathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxn	matrix spike dup	4/29/2013	Pesticide	Ethyl parathion	n/a	=	0.086	µg/L	EPA 525.2	0.0054	0.01			GB
2012/13-5	MO-oxn	matrix spike dup, rec	4/29/2013	Pesticide	Ethyl parathion	n/a	=	172	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-oxn	matrix spike, RPD	4/29/2013	Pesticide	Ethyl parathion	n/a	=	0.5	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxn	matrix spike	4/29/2013	Pesticide	Ethyl parathion	n/a	=	0.0856	µg/L	EPA 525.2	0.0054	0.01			GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Ethyl parathion	n/a	=	171	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Fensulfothion	n/a	=	0.0741	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Fensulfothion	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Fensulfothion	n/a	=	0.0669	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Fensulfothion	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Fensulfothion	n/a	=	0.0812	µg/L	EPA 525.2	0.0029	0.01			EUM
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Fensulfothion	n/a	=	162	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Fensulfothion	n/a	=	0.0582	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Fensulfothion	n/a	=	116	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Fensulfothion	n/a	=	0.0586	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Fensulfothion	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Fensulfothion	n/a	=	0.7	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Fensulfothion	n/a	=	0.0568	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Fensulfothion	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Fensulfothion	n/a	=	0.0524	µg/L	EPA 525.2	0.0029	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Fensulfothion	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Fensulfothion	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Fensulfothion	n/a	=	0.127	µg/L	EPA 525.2	0.0029	0.01			GB
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Fensulfothion	n/a	=	254	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Fensulfothion	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Fensulfothion	n/a	=	0.129	µg/L	EPA 525.2	0.0029	0.01			GB
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Fensulfothion	n/a	=	257	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Fenthion	n/a	=	0.0598	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Fenthion	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Fenthion	n/a	=	0.0479	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Fenthion	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Fenthion	n/a	=	0.0592	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Fenthion	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Fenthion	n/a	=	0.0523	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Fenthion	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Fenthion	n/a	=	0.054	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Fenthion	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Fenthion	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Fenthion	n/a	=	0.0566	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Fenthion	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Fenthion	n/a	=	0.0514	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Fenthion	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Fenthion	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Fenthion	n/a	=	0.069	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Fenthion	n/a	=	138	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Fenthion	n/a	=	1	%	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	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Fenthion	n/a	=	0.068	µg/L	EPA 525.2	0.0038	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Fenthion	n/a	=	136	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.101	µg/L	EPA 608	0.0021	0.02			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	101	%	EPA 608	-88	-88	49	117	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.107	µg/L	EPA 608	0.0021	0.02			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	107	%	EPA 608	-88	-88	49	117	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	6	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.09	µg/L	EPA 608	0.0021	0.02			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	90	%	EPA 608	-88	-88	49	117	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0904	µg/L	EPA 608	0.0021	0.02			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	90	%	EPA 608	-88	-88	49	117	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0945	µg/L	EPA 608	0.0021	0.02			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	95	%	EPA 608	-88	-88	33	112	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0908	µg/L	EPA 608	0.0021	0.02			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	91	%	EPA 608	-88	-88	33	112	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	4	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0766	µg/L	EPA 608	0.0021	0.02			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	77	%	EPA 608	-88	-88	33	112	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0838	µg/L	EPA 608	0.0021	0.02			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	84	%	EPA 608	-88	-88	33	112	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	9	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2012/13-5	Lab	method blank	5/11/2013	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2012/13-5	Lab	method blank	6/16/2013	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2012/13-5	000NONPJ	matrix spike	4/24/2013	Pesticide	Glyphosate	n/a	=	21.5	µg/L	EPA 547	1.8	5			
2012/13-5	000NONPJ	matrix spike dup	4/24/2013	Pesticide	Glyphosate	n/a	=	24.2	µg/L	EPA 547	1.8	5			
2012/13-5	000NONPJ	matrix spike dup, rec	4/24/2013	Pesticide	Glyphosate	n/a	=	97	%	EPA 547	-88	-88	68	134	
2012/13-5	000NONPJ	matrix spike, rec	4/24/2013	Pesticide	Glyphosate	n/a	=	86	%	EPA 547	-88	-88	68	134	
2012/13-5	000NONPJ	matrix spike, RPD	4/24/2013	Pesticide	Glyphosate	n/a	=	12	%	EPA 547	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	5/1/2013	Pesticide	Glyphosate	n/a	=	24.1	µg/L	EPA 547	1.8	5			
2012/13-5	000NONPJ	matrix spike	5/1/2013	Pesticide	Glyphosate	n/a	=	28.2	µg/L	EPA 547	1.8	5			
2012/13-5	000NONPJ	matrix spike dup	5/1/2013	Pesticide	Glyphosate	n/a	=	27.9	µg/L	EPA 547	1.8	5			
2012/13-5	000NONPJ	matrix spike dup	5/1/2013	Pesticide	Glyphosate	n/a	=	27.5	µg/L	EPA 547	1.8	5			
2012/13-5	000NONPJ	matrix spike dup, rec	5/1/2013	Pesticide	Glyphosate	n/a	=	112	%	EPA 547	-88	-88	68	134	
2012/13-5	000NONPJ	matrix spike dup, rec	5/1/2013	Pesticide	Glyphosate	n/a	=	110	%	EPA 547	-88	-88	68	134	
2012/13-5	000NONPJ	matrix spike, rec	5/1/2013	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	68	134	
2012/13-5	000NONPJ	matrix spike, rec	5/1/2013	Pesticide	Glyphosate	n/a	=	113	%	EPA 547	-88	-88	68	134	
2012/13-5	000NONPJ	matrix spike, RPD	5/1/2013	Pesticide	Glyphosate	n/a	=	13	%	EPA 547	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike, RPD	5/1/2013	Pesticide	Glyphosate	n/a	=	0.8	%	EPA 547	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	5/31/2013	Pesticide	Glyphosate	n/a	=	27.5	µg/L	EPA 547	1.8	5			
2012/13-5	000NONPJ	matrix spike dup	5/31/2013	Pesticide	Glyphosate	n/a	=	21.8	µg/L	EPA 547	1.8	5			
2012/13-5	000NONPJ	matrix spike dup, rec	5/31/2013	Pesticide	Glyphosate	n/a	=	87	%	EPA 547	-88	-88	68	134	
2012/13-5	000NONPJ	matrix spike, rec	5/31/2013	Pesticide	Glyphosate	n/a	=	110	%	EPA 547	-88	-88	68	134	
2012/13-5	000NONPJ	matrix spike, RPD	5/31/2013	Pesticide	Glyphosate	n/a	=	23	%	EPA 547	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS	4/24/2013	Pesticide	Glyphosate	n/a	=	22.3	µg/L	EPA 547	1.8	5			
2012/13-5	Lab	LCS, rec	4/24/2013	Pesticide	Glyphosate	n/a	=	89	%	EPA 547	-88	-88	71	137	
2012/13-5	Lab	method blank	4/24/2013	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Glyphosate	n/a	=	30.6	µg/L	EPA 547	1.8	5			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Glyphosate	n/a	=	122	%	EPA 547	-88	-88	71	137	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2012/13-5	Lab	LCS	5/31/2013	Pesticide	Glyphosate	n/a	=	25.9	µg/L	EPA 547	1.8	5			
2012/13-5	Lab	LCS, rec	5/31/2013	Pesticide	Glyphosate	n/a	=	103	%	EPA 547	-88	-88	71	137	
2012/13-5	Lab	method blank	5/31/2013	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2012/13-5	ME-CC	matrix spike	5/31/2013	Pesticide	Glyphosate	n/a	=	17.6	µg/L	EPA 547	1.8	5			
2012/13-5	ME-CC	matrix spike dup	5/31/2013	Pesticide	Glyphosate	n/a	=	21.4	µg/L	EPA 547	1.8	5			
2012/13-5	ME-CC	matrix spike dup, rec	5/31/2013	Pesticide	Glyphosate	n/a	=	86	%	EPA 547	-88	-88	68	134	
2012/13-5	ME-CC	matrix spike, rec	5/31/2013	Pesticide	Glyphosate	n/a	=	70	%	EPA 547	-88	-88	68	134	
2012/13-5	ME-CC	matrix spike, RPD	5/31/2013	Pesticide	Glyphosate	n/a	=	20	%	EPA 547	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Heptachlor	n/a	=	0.1	µg/L	EPA 608	0.0017	0.01			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Heptachlor	n/a	=	100	%	EPA 608	-88	-88	31	130	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	Heptachlor	n/a	=	0.114	µg/L	EPA 608	0.0017	0.01			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	Heptachlor	n/a	=	114	%	EPA 608	-88	-88	31	130	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	Heptachlor	n/a	=	13	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	Heptachlor	n/a	=	0.1	µg/L	EPA 608	0.0017	0.01			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	Heptachlor	n/a	=	100	%	EPA 608	-88	-88	31	130	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	Heptachlor	n/a	=	0.0808	µg/L	EPA 608	0.0017	0.01			
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	Heptachlor	n/a	=	81	%	EPA 608	-88	-88	31	130	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	Heptachlor	n/a	=	0.0875	µg/L	EPA 608	0.0017	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	Heptachlor	n/a	=	88	%	EPA 608	-88	-88	28	131	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	Heptachlor	n/a	=	0.0867	µg/L	EPA 608	0.0017	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	Heptachlor	n/a	=	87	%	EPA 608	-88	-88	28	131	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	Heptachlor	n/a	=	1	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	Heptachlor	n/a	=	0.0927	µg/L	EPA 608	0.0017	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	Heptachlor	n/a	=	93	%	EPA 608	-88	-88	28	131	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	Heptachlor	n/a	=	0.105	µg/L	EPA 608	0.0017	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	Heptachlor	n/a	=	105	%	EPA 608	-88	-88	28	131	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	Heptachlor	n/a	=	12	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Heptachlor epoxide	n/a	=	0.0982	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Heptachlor epoxide	n/a	=	98	%	EPA 608	-88	-88	49	122	
2012/13-5	Lab	LCS dup	5/8/2013	Pesticide	Heptachlor epoxide	n/a	=	0.105	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS dup, rec	5/8/2013	Pesticide	Heptachlor epoxide	n/a	=	105	%	EPA 608	-88	-88	49	122	
2012/13-5	Lab	LCS, RPD	5/8/2013	Pesticide	Heptachlor epoxide	n/a	=	7	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS	5/11/2013	Pesticide	Heptachlor epoxide	n/a	=	0.0929	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS, rec	5/11/2013	Pesticide	Heptachlor epoxide	n/a	=	93	%	EPA 608	-88	-88	49	122	
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-5	Lab	LCS	6/16/2013	Pesticide	Heptachlor epoxide	n/a	=	0.0934	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	
2012/13-5	Lab	LCS, rec	6/16/2013	Pesticide	Heptachlor epoxide	n/a	=	93	%	EPA 608	-88	-88	49	122	
2012/13-5	ME-CC	matrix spike	6/16/2013	Pesticide	Heptachlor epoxide	n/a	=	0.0982	µg/L	EPA 608	0.0019	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/16/2013	Pesticide	Heptachlor epoxide	n/a	=	98	%	EPA 608	-88	-88	36	117	
2012/13-5	ME-CC	matrix spike dup	6/16/2013	Pesticide	Heptachlor epoxide	n/a	=	0.096	µg/L	EPA 608	0.0019	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/16/2013	Pesticide	Heptachlor epoxide	n/a	=	96	%	EPA 608	-88	-88	36	117	
2012/13-5	ME-CC	matrix spike, RPD	6/16/2013	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/11/2013	Pesticide	Heptachlor epoxide	n/a	=	0.0825	µg/L	EPA 608	0.0019	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/11/2013	Pesticide	Heptachlor epoxide	n/a	=	82	%	EPA 608	-88	-88	36	117	
2012/13-5	MO-OJA	matrix spike dup	5/11/2013	Pesticide	Heptachlor epoxide	n/a	=	0.0878	µg/L	EPA 608	0.0019	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/11/2013	Pesticide	Heptachlor epoxide	n/a	=	88	%	EPA 608	-88	-88	36	117	
2012/13-5	MO-OJA	matrix spike, RPD	5/11/2013	Pesticide	Heptachlor epoxide	n/a	=	6	%	EPA 608	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Malathion	n/a	=	0.0518	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Malathion	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Malathion	n/a	=	0.0472	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Malathion	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Malathion	n/a	=	0.0557	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Malathion	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Malathion	n/a	=	0.0434	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Malathion	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Malathion	n/a	=	0.0435	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Malathion	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Malathion	n/a	=	0.4	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Malathion	n/a	=	0.0417	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Malathion	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Malathion	n/a	=	0.039	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Malathion	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Malathion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Malathion	n/a	=	0.0704	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Malathion	n/a	=	141	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Malathion	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Malathion	n/a	=	0.0646	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Malathion	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Merphos	n/a	=	0.0434	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Merphos	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Merphos	n/a	=	0.0417	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Merphos	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Merphos	n/a	=	0.0681	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Merphos	n/a	=	136	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Merphos	n/a	=	0.0505	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Merphos	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Merphos	n/a	=	0.0546	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	
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Merphos	n/a	=	109	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Merphos	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Merphos	n/a	=	0.0404	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Merphos	n/a	=	81	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Merphos	n/a	=	0.039	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Merphos	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Merphos	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Merphos	n/a	=	0.0291	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Merphos	n/a	=	58	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Merphos	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Merphos	n/a	=	0.0271	µg/L	EPA 525.2	0.0058	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Merphos	n/a	=	54	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Methyl parathion	n/a	=	0.0624	µg/L	EPA 525.2	0.0063	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Methyl parathion	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Methyl parathion	n/a	=	0.0486	µg/L	EPA 525.2	0.0063	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Methyl parathion	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Methyl parathion	n/a	=	0.096	µg/L	EPA 525.2	0.0063	0.01			EUM
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Methyl parathion	n/a	=	192	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Methyl parathion	n/a	=	0.059	µg/L	EPA 525.2	0.0063	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Methyl parathion	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Methyl parathion	n/a	=	0.0568	µg/L	EPA 525.2	0.0063	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Methyl parathion	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Methyl parathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Methyl parathion	n/a	=	0.0471	µg/L	EPA 525.2	0.0063	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Methyl parathion	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Methyl parathion	n/a	=	0.044	µg/L	EPA 525.2	0.0063	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Methyl parathion	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Methyl parathion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Methyl parathion	n/a	=	0.0968	µg/L	EPA 525.2	0.0063	0.01			GB
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Methyl parathion	n/a	=	194	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Methyl parathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Methyl parathion	n/a	=	0.093	µg/L	EPA 525.2	0.0063	0.01			GB
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Methyl parathion	n/a	=	186	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Metolachlor	n/a	=	4.94	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Metolachlor	n/a	=	99	%	EPA 525.2	-88	-88	55	170	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Metolachlor	n/a	=	4.66	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Metolachlor	n/a	=	93	%	EPA 525.2	-88	-88	55	170	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Metolachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Metolachlor	n/a	=	5.39	µg/L	EPA 525.2	0.012	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Metolachlor	n/a	=	108	%	EPA 525.2	-88	-88	55	170	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Metolachlor	n/a	=	4.95	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Metolachlor	n/a	=	99	%	EPA 525.2	-88	-88	55	170	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Metolachlor	n/a	=	5.02	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Metolachlor	n/a	=	100	%	EPA 525.2	-88	-88	53	178	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Metolachlor	n/a	=	4.69	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Metolachlor	n/a	=	94	%	EPA 525.2	-88	-88	53	178	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Metolachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Metolachlor	n/a	=	5.31	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Metolachlor	n/a	=	106	%	EPA 525.2	-88	-88	53	178	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Metolachlor	n/a	=	5.81	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Metolachlor	n/a	=	116	%	EPA 525.2	-88	-88	53	178	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Metolachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Metribuzin	n/a	=	4.57	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Metribuzin	n/a	=	91	%	EPA 525.2	-88	-88	44	149	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Metribuzin	n/a	=	4.09	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Metribuzin	n/a	=	82	%	EPA 525.2	-88	-88	44	149	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Metribuzin	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Metribuzin	n/a	=	5.14	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Metribuzin	n/a	=	103	%	EPA 525.2	-88	-88	44	149	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Metribuzin	n/a	=	4.64	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Metribuzin	n/a	=	93	%	EPA 525.2	-88	-88	44	149	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Metribuzin	n/a	=	4.37	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Metribuzin	n/a	=	87	%	EPA 525.2	-88	-88	64	155	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Metribuzin	n/a	=	4.34	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Metribuzin	n/a	=	87	%	EPA 525.2	-88	-88	64	155	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Metribuzin	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Metribuzin	n/a	=	4.4	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Metribuzin	n/a	=	88	%	EPA 525.2	-88	-88	64	155	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Metribuzin	n/a	=	4.73	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Metribuzin	n/a	=	95	%	EPA 525.2	-88	-88	64	155	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Metribuzin	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Mevinphos	n/a	=	0.0549	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Mevinphos	n/a	=	110	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Mevinphos	n/a	=	0.0531	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Mevinphos	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Mevinphos	n/a	=	0.0733	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Mevinphos	n/a	=	147	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Mevinphos	n/a	=	0.0531	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Mevinphos	n/a	=	106	%	EPA 525.2	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Mevinphos	n/a	=	0.0509	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Mevinphos	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Mevinphos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Mevinphos	n/a	=	0.0533	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Mevinphos	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Mevinphos	n/a	=	0.0516	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Mevinphos	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Mevinphos	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Mevinphos	n/a	=	0.0723	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Mevinphos	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Mevinphos	n/a	=	0.5	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Mevinphos	n/a	=	0.0727	µg/L	EPA 525.2	0.0042	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Mevinphos	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Molinate	n/a	=	4.91	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	76	116	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Molinate	n/a	=	5.06	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Molinate	n/a	=	101	%	EPA 525.2	-88	-88	76	116	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Molinate	n/a	=	5.25	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Molinate	n/a	=	105	%	EPA 525.2	-88	-88	76	116	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Molinate	n/a	=	5.36	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Molinate	n/a	=	107	%	EPA 525.2	-88	-88	76	116	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Molinate	n/a	=	5.63	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Molinate	n/a	=	113	%	EPA 525.2	-88	-88	68	125	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Molinate	n/a	=	5.45	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Molinate	n/a	=	109	%	EPA 525.2	-88	-88	68	125	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Molinate	n/a	=	5.35	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Molinate	n/a	=	107	%	EPA 525.2	-88	-88	68	125	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Molinate	n/a	=	5.37	µg/L	EPA 525.2	0.039	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Molinate	n/a	=	107	%	EPA 525.2	-88	-88	68	125	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Molinate	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Naled	n/a	=	0.011	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Naled	n/a	=	22	%	EPA 525.2	-88	-88	5	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Naled	n/a	=	0.0326	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Naled	n/a	=	65	%	EPA 525.2	-88	-88	5	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Naled	n/a	=	0.0622	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Naled	n/a	=	124	%	EPA 525.2	-88	-88	5	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Naled	n/a	=	0.0139	µg/L	EPA 525.2	0.0076	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Naled	n/a	=	28	%	EPA 525.2	-88	-88	5	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Naled	n/a	=	0.0164	µg/L	EPA 525.2	0.0076	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Naled	n/a	=	33	%	EPA 525.2	-88	-88	5	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Naled	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			GB
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Naled	n/a	=	0	%	EPA 525.2	-88	-88	5	150	GB
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			GB
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Naled	n/a	=	0	%	EPA 525.2	-88	-88	5	150	GB
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Naled	n/a	=	0	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxn	matrix spike dup	4/29/2013	Pesticide	Naled	n/a	=	0.185	µg/L	EPA 525.2	0.0076	0.01			GB
2012/13-5	MO-oxn	matrix spike dup, rec	4/29/2013	Pesticide	Naled	n/a	=	371	%	EPA 525.2	-88	-88	5	150	GB
2012/13-5	MO-oxn	matrix spike, RPD	4/29/2013	Pesticide	Naled	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxn	matrix spike	4/29/2013	Pesticide	Naled	n/a	=	0.168	µg/L	EPA 525.2	0.0076	0.01			GB
2012/13-5	MO-oxn	matrix spike, rec	4/29/2013	Pesticide	Naled	n/a	=	335	%	EPA 525.2	-88	-88	5	150	GB
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	Pentachlorophenol	n/a	=	4.16	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	Pentachlorophenol	n/a	=	4.27	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	Pentachlorophenol	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	3.19	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	3.29	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/26/2013	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	Pentachlorophenol	n/a	=	4.35	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	Pentachlorophenol	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Pentachlorophenol	n/a	=	4.33	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Pentachlorophenol	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	3.26	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	3.3	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	3.23	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	Pentachlorophenol	n/a	=	4.22	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	Pentachlorophenol	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	Pentachlorophenol	n/a	=	4.17	µg/L	EPA 515.3	0.04	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Phorate	n/a	=	0.0672	µg/L	EPA 525.2	0.003	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Phorate	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Phorate	n/a	=	0.0633	µg/L	EPA 525.2	0.003	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Phorate	n/a	=	127	%	EPA 525.2	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Phorate	n/a	=	0.0695	µg/L	EPA 525.2	0.003	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Phorate	n/a	=	139	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Phorate	n/a	=	0.0665	µg/L	EPA 525.2	0.003	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Phorate	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Phorate	n/a	=	0.0636	µg/L	EPA 525.2	0.003	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Phorate	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Phorate	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Phorate	n/a	=	0.0715	µg/L	EPA 525.2	0.003	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Phorate	n/a	=	143	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Phorate	n/a	=	0.0716	µg/L	EPA 525.2	0.003	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Phorate	n/a	=	143	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Phorate	n/a	=	0.1	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Phorate	n/a	=	0.0782	µg/L	EPA 525.2	0.003	0.01			GB
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Phorate	n/a	=	156	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Phorate	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Phorate	n/a	=	0.076	µg/L	EPA 525.2	0.003	0.01			GB
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Phorate	n/a	=	152	%	EPA 525.2	-88	-88	50	150	GB
2012/13-5	000NONPJ	matrix spike	4/26/2013	Pesticide	Picloram	n/a	=	3.19	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	000NONPJ	matrix spike, rec	4/26/2013	Pesticide	Picloram	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	4/26/2013	Pesticide	Picloram	n/a	=	3.34	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	000NONPJ	matrix spike dup, rec	4/26/2013	Pesticide	Picloram	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike, RPD	4/26/2013	Pesticide	Picloram	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2012/13-5	000NONPJ	matrix spike	6/6/2013	Pesticide	Picloram	n/a	=	2.9	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	000NONPJ	matrix spike, rec	6/6/2013	Pesticide	Picloram	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2012/13-5	000NONPJ	matrix spike dup	6/6/2013	Pesticide	Picloram	n/a	=	2.62	µg/L	EPA 515.3	0.05	0.6			GB
2012/13-5	000NONPJ	matrix spike dup, rec	6/6/2013	Pesticide	Picloram	n/a	=	66	%	EPA 515.3	-88	-88	70	130	GB
2012/13-5	000NONPJ	matrix spike, RPD	6/6/2013	Pesticide	Picloram	n/a	=	10	%	EPA 515.3	-88	-88	0	30	GB
2012/13-5	Lab	method blank	4/26/2013	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	Lab	LCS	4/26/2013	Pesticide	Picloram	n/a	=	3.39	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	Lab	LCS, rec	4/26/2013	Pesticide	Picloram	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	Lab	LCS	5/8/2013	Pesticide	Picloram	n/a	=	3.16	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	Lab	LCS, rec	5/8/2013	Pesticide	Picloram	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2012/13-5	Lab	method blank	6/6/2013	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	Lab	LCS	6/6/2013	Pesticide	Picloram	n/a	=	2.84	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	Lab	LCS, rec	6/6/2013	Pesticide	Picloram	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike	6/6/2013	Pesticide	Picloram	n/a	=	3.13	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	ME-CC	matrix spike, rec	6/6/2013	Pesticide	Picloram	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike dup	6/6/2013	Pesticide	Picloram	n/a	=	2.83	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	ME-CC	matrix spike dup, rec	6/6/2013	Pesticide	Picloram	n/a	=	71	%	EPA 515.3	-88	-88	70	130	
2012/13-5	ME-CC	matrix spike, RPD	6/6/2013	Pesticide	Picloram	n/a	=	10	%	EPA 515.3	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/8/2013	Pesticide	Picloram	n/a	=	3.29	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	MO-OJA	matrix spike, rec	5/8/2013	Pesticide	Picloram	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike dup	5/8/2013	Pesticide	Picloram	n/a	=	3.28	µg/L	EPA 515.3	0.05	0.6			
2012/13-5	MO-OJA	matrix spike dup, rec	5/8/2013	Pesticide	Picloram	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-5	MO-OJA	matrix spike, RPD	5/8/2013	Pesticide	Picloram	n/a	=	0.3	%	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	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Prometon	n/a	=	2.79	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Prometon	n/a	=	56	%	EPA 525.2	-88	-88	6	110	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Prometon	n/a	=	1.6	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Prometon	n/a	=	32	%	EPA 525.2	-88	-88	6	110	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Prometon	n/a	=	54	%	EPA 525.2	-88	-88	0	30	IL
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Prometon	n/a	=	2.59	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Prometon	n/a	=	52	%	EPA 525.2	-88	-88	6	110	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Prometon	n/a	=	2.41	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Prometon	n/a	=	48	%	EPA 525.2	-88	-88	6	110	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Prometon	n/a	=	3.46	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Prometon	n/a	=	69	%	EPA 525.2	-88	-88	5	148	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Prometon	n/a	=	3.45	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Prometon	n/a	=	69	%	EPA 525.2	-88	-88	5	148	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Prometon	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Prometon	n/a	=	3.75	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Prometon	n/a	=	75	%	EPA 525.2	-88	-88	5	148	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Prometon	n/a	=	3.79	µg/L	EPA 525.2	0.024	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Prometon	n/a	=	76	%	EPA 525.2	-88	-88	5	148	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Prometon	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Prometryn	n/a	=	4.58	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Prometryn	n/a	=	92	%	EPA 525.2	-88	-88	34	152	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Prometryn	n/a	=	4.03	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Prometryn	n/a	=	81	%	EPA 525.2	-88	-88	34	152	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Prometryn	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Prometryn	n/a	=	5.12	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Prometryn	n/a	=	102	%	EPA 525.2	-88	-88	34	152	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Prometryn	n/a	=	4.41	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Prometryn	n/a	=	88	%	EPA 525.2	-88	-88	34	152	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Prometryn	n/a	=	4.84	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Prometryn	n/a	=	82	%	EPA 525.2	-88	-88	44	169	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Prometryn	n/a	=	4.78	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Prometryn	n/a	=	81	%	EPA 525.2	-88	-88	44	169	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Prometryn	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Prometryn	n/a	=	4.63	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Prometryn	n/a	=	93	%	EPA 525.2	-88	-88	44	169	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Prometryn	n/a	=	5.15	µg/L	EPA 525.2	0.036	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Prometryn	n/a	=	103	%	EPA 525.2	-88	-88	44	169	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Prometryn	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0476	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	95	%	EPA 525.2	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0426	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0626	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0459	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0469	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0433	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0408	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	82	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0551	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	110	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0542	µg/L	EPA 525.2	0.0041	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Simazine	n/a	=	4.44	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Simazine	n/a	=	89	%	EPA 525.2	-88	-88	54	156	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Simazine	n/a	=	4.01	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Simazine	n/a	=	80	%	EPA 525.2	-88	-88	54	156	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Simazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Simazine	n/a	=	4.62	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Simazine	n/a	=	92	%	EPA 525.2	-88	-88	54	156	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Simazine	n/a	=	4.79	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Simazine	n/a	=	96	%	EPA 525.2	-88	-88	54	156	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Simazine	n/a	=	3.72	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Simazine	n/a	=	74	%	EPA 525.2	-88	-88	53	152	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Simazine	n/a	=	3.83	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Simazine	n/a	=	77	%	EPA 525.2	-88	-88	53	152	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Simazine	n/a	=	4.36	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	53	152	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Simazine	n/a	=	4.9	µg/L	EPA 525.2	0.015	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Simazine	n/a	=	98	%	EPA 525.2	-88	-88	53	152	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Simazine	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0546	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	109	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0469	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0556	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0446	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0442	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0392	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0346	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	69	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	12	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxN	matrix spike dup	4/29/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.047	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	MO-oxN	matrix spike dup, rec	4/29/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-oxN	matrix spike, RPD	4/29/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	21	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxN	matrix spike	4/29/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.038	µg/L	EPA 525.2	0.0031	0.01			
2012/13-5	MO-oxN	matrix spike, rec	4/29/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Terbacil	n/a	=	5.21	µg/L	EPA 525.2	0.55	2			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Terbacil	n/a	=	104	%	EPA 525.2	-88	-88	66	140	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Terbacil	n/a	=	4.44	µg/L	EPA 525.2	0.55	2			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Terbacil	n/a	=	89	%	EPA 525.2	-88	-88	66	140	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Terbacil	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Terbacil	n/a	=	5.04	µg/L	EPA 525.2	0.55	2			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Terbacil	n/a	=	101	%	EPA 525.2	-88	-88	66	140	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Terbacil	n/a	=	5.87	µg/L	EPA 525.2	0.55	2			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Terbacil	n/a	=	117	%	EPA 525.2	-88	-88	66	140	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Terbacil	n/a	=	6.53	µg/L	EPA 525.2	0.55	2			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Terbacil	n/a	=	131	%	EPA 525.2	-88	-88	56	159	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Terbacil	n/a	=	5.55	µg/L	EPA 525.2	0.55	2			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Terbacil	n/a	=	111	%	EPA 525.2	-88	-88	56	159	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Terbacil	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Terbacil	n/a	=	5.34	µg/L	EPA 525.2	0.55	2			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Terbacil	n/a	=	107	%	EPA 525.2	-88	-88	56	159	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Terbacil	n/a	=	5.16	µg/L	EPA 525.2	0.55	2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Terbacil	n/a	=	103	%	EPA 525.2	-88	-88	56	159	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Thiobencarb	n/a	=	5	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Thiobencarb	n/a	=	100	%	EPA 525.2	-88	-88	57	162	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Thiobencarb	n/a	=	4.91	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Thiobencarb	n/a	=	98	%	EPA 525.2	-88	-88	57	162	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Thiobencarb	n/a	=	5.67	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Thiobencarb	n/a	=	113	%	EPA 525.2	-88	-88	57	162	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Thiobencarb	n/a	=	4.57	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Thiobencarb	n/a	=	91	%	EPA 525.2	-88	-88	57	162	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Thiobencarb	n/a	=	4.66	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Thiobencarb	n/a	=	93	%	EPA 525.2	-88	-88	71	160	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Thiobencarb	n/a	=	4.4	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Thiobencarb	n/a	=	88	%	EPA 525.2	-88	-88	71	160	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Thiobencarb	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Thiobencarb	n/a	=	5.52	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Thiobencarb	n/a	=	110	%	EPA 525.2	-88	-88	71	160	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Thiobencarb	n/a	=	6.21	µg/L	EPA 525.2	0.025	0.2			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Thiobencarb	n/a	=	124	%	EPA 525.2	-88	-88	71	160	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Thiobencarb	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Tokuthion	n/a	=	0.0405	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Tokuthion	n/a	=	81	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Tokuthion	n/a	=	0.0382	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Tokuthion	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Tokuthion	n/a	=	0.0646	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Tokuthion	n/a	=	129	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Tokuthion	n/a	=	0.0467	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Tokuthion	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Tokuthion	n/a	=	0.0514	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Tokuthion	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Tokuthion	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Tokuthion	n/a	=	0.0435	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Tokuthion	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Tokuthion	n/a	=	0.0421	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Tokuthion	n/a	=	84	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Tokuthion	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxN	matrix spike dup	4/29/2013	Pesticide	Tokuthion	n/a	=	0.0538	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	MO-oxN	matrix spike dup, rec	4/29/2013	Pesticide	Tokuthion	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-oxN	matrix spike, RPD	4/29/2013	Pesticide	Tokuthion	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-oxN	matrix spike	4/29/2013	Pesticide	Tokuthion	n/a	=	0.057	µg/L	EPA 525.2	0.0078	0.01			
2012/13-5	MO-oxN	matrix spike, rec	4/29/2013	Pesticide	Tokuthion	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/8/2013	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2012/13-5	Lab	method blank	5/11/2013	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2012/13-5	Lab	method blank	6/16/2013	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2012/13-5	Lab	method blank	4/29/2013	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS	4/29/2013	Pesticide	Trichloronate	n/a	=	0.0493	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS, rec	4/29/2013	Pesticide	Trichloronate	n/a	=	99	%	EPA 525.2	-88	-88	50	150	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-5	Lab	method blank	5/14/2013	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS	5/14/2013	Pesticide	Trichloronate	n/a	=	0.0484	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS, rec	5/14/2013	Pesticide	Trichloronate	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	6/13/2013	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS	6/13/2013	Pesticide	Trichloronate	n/a	=	0.0674	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	Lab	LCS, rec	6/13/2013	Pesticide	Trichloronate	n/a	=	135	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike	6/13/2013	Pesticide	Trichloronate	n/a	=	0.0532	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	ME-CC	matrix spike, rec	6/13/2013	Pesticide	Trichloronate	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike dup	6/13/2013	Pesticide	Trichloronate	n/a	=	0.0561	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	ME-CC	matrix spike dup, rec	6/13/2013	Pesticide	Trichloronate	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2012/13-5	ME-CC	matrix spike, RPD	6/13/2013	Pesticide	Trichloronate	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OJA	matrix spike	5/14/2013	Pesticide	Trichloronate	n/a	=	0.0501	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	MO-OJA	matrix spike, rec	5/14/2013	Pesticide	Trichloronate	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike dup	5/14/2013	Pesticide	Trichloronate	n/a	=	0.05	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	MO-OJA	matrix spike dup, rec	5/14/2013	Pesticide	Trichloronate	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OJA	matrix spike, RPD	5/14/2013	Pesticide	Trichloronate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike dup	4/29/2013	Pesticide	Trichloronate	n/a	=	0.0575	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	MO-OXN	matrix spike dup, rec	4/29/2013	Pesticide	Trichloronate	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2012/13-5	MO-OXN	matrix spike, RPD	4/29/2013	Pesticide	Trichloronate	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2012/13-5	MO-OXN	matrix spike	4/29/2013	Pesticide	Trichloronate	n/a	=	0.0612	µg/L	EPA 525.2	0.0067	0.01			
2012/13-5	MO-OXN	matrix spike, rec	4/29/2013	Pesticide	Trichloronate	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2012/13-5	Lab	method blank	5/1/2013	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS	5/1/2013	Pesticide	Trithion	n/a	=	4.97	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS, rec	5/1/2013	Pesticide	Trithion	n/a	=	99	%	EPA 525.2	-88	-88	62	149	
2012/13-5	Lab	LCS dup	5/1/2013	Pesticide	Trithion	n/a	=	5.12	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS dup, rec	5/1/2013	Pesticide	Trithion	n/a	=	102	%	EPA 525.2	-88	-88	62	149	
2012/13-5	Lab	LCS, RPD	5/1/2013	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-5	Lab	method blank	5/3/2013	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS	5/3/2013	Pesticide	Trithion	n/a	=	5.98	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS, rec	5/3/2013	Pesticide	Trithion	n/a	=	120	%	EPA 525.2	-88	-88	62	149	
2012/13-5	Lab	method blank	6/11/2013	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS	6/11/2013	Pesticide	Trithion	n/a	=	4.66	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	Lab	LCS, rec	6/11/2013	Pesticide	Trithion	n/a	=	93	%	EPA 525.2	-88	-88	62	149	
2012/13-5	ME-CC	matrix spike	6/11/2013	Pesticide	Trithion	n/a	=	4.76	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	ME-CC	matrix spike, rec	6/11/2013	Pesticide	Trithion	n/a	=	95	%	EPA 525.2	-88	-88	86	144	
2012/13-5	ME-CC	matrix spike dup	6/11/2013	Pesticide	Trithion	n/a	=	4.94	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	ME-CC	matrix spike dup, rec	6/11/2013	Pesticide	Trithion	n/a	=	99	%	EPA 525.2	-88	-88	86	144	
2012/13-5	ME-CC	matrix spike, RPD	6/11/2013	Pesticide	Trithion	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2012/13-5	MO-OJA	matrix spike	5/3/2013	Pesticide	Trithion	n/a	=	5.43	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	MO-OJA	matrix spike, rec	5/3/2013	Pesticide	Trithion	n/a	=	109	%	EPA 525.2	-88	-88	86	144	
2012/13-5	MO-OJA	matrix spike dup	5/3/2013	Pesticide	Trithion	n/a	=	5.99	µg/L	EPA 525.2	0.012	0.1			
2012/13-5	MO-OJA	matrix spike dup, rec	5/3/2013	Pesticide	Trithion	n/a	=	120	%	EPA 525.2	-88	-88	86	144	
2012/13-5	MO-OJA	matrix spike, RPD	5/3/2013	Pesticide	Trithion	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Aluminum	Total	=	62.3	µg/L	EPA 200.8	0.61	5			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Aluminum	Total	=	62.2	µg/L	EPA 200.8	0.61	5			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Aluminum	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Aluminum	Total	DNQ	3.1	µg/L	EPA 200.8	0.61	5			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Aluminum	Total	=	52	µg/L	EPA 200.8	0.61	5			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Aluminum	Total	DNQ	1.13	µg/L	EPA 200.8	0.61	5			IP
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Aluminum	Total	=	10	µg/L	EPA 200.8	0.61	5			
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Antimony	Total	=	47.9	µg/L	EPA 200.8	0.04	0.5			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Antimony	Total	=	48.8	µg/L	EPA 200.8	0.04	0.5			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Antimony	Total	=	48.2	µg/L	EPA 200.8	0.04	0.5			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Arsenic	Total	=	54.1	µg/L	EPA 200.8	0.036	0.4			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Arsenic	Total	=	53.8	µg/L	EPA 200.8	0.036	0.4			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Arsenic	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Arsenic	Total	=	52.7	µg/L	EPA 200.8	0.036	0.4			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Beryllium	Total	=	51.5	µg/L	EPA 200.8	0.088	0.1			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Beryllium	Total	=	51.9	µg/L	EPA 200.8	0.088	0.1			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Beryllium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Beryllium	Total	=	50.1	µg/L	EPA 200.8	0.088	0.1			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Cadmium	Total	=	47.1	µg/L	EPA 200.8	0.02	0.1			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Cadmium	Total	=	47.7	µg/L	EPA 200.8	0.02	0.1			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Cadmium	Total	=	49.9	µg/L	EPA 200.8	0.02	0.1			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Chromium	Total	=	50.1	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	
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Chromium	Total	=	49.7	µg/L	EPA 200.8	0.074	0.2			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Chromium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Chromium	Total	=	51.2	µg/L	EPA 200.8	0.074	0.2			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Copper	Total	=	52.5	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Copper	Total	=	52.2	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Copper	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Copper	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Copper	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Copper	Total	=	53.4	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Copper	Total	=	0.53	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE	Blank (HNO3,me	equip blank	8/7/2012	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-PRE	Lab	LCS	8/7/2012	Metal	Iron	Total	=	197	µg/L	EPA 200.7	1.1	10			
2012/13-PRE	Lab	LCS, rec	8/7/2012	Metal	Iron	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/7/2012	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-PRE	bing Blank (distille	equip blank	8/7/2012	Metal	Iron	Total	DNQ	1.7	µg/L	EPA 200.7	1.1	10			
2012/13-PRE	bing Blank (distille	matrix spike	8/7/2012	Metal	Iron	Total	=	205	µg/L	EPA 200.7	1.1	10			
2012/13-PRE	bing Blank (distille	matrix spike dup	8/7/2012	Metal	Iron	Total	=	208	µg/L	EPA 200.7	1.1	10			
2012/13-PRE	bing Blank (distille	matrix spike dup, rec	8/7/2012	Metal	Iron	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2012/13-PRE	bing Blank (distille	matrix spike, rec	8/7/2012	Metal	Iron	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2012/13-PRE	bing Blank (distille	matrix spike, RPD	8/7/2012	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Lead	Total	=	50.8	µg/L	EPA 200.8	0.011	0.2			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Lead	Total	=	51.3	µg/L	EPA 200.8	0.011	0.2			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Lead	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Lead	Total	=	48.7	µg/L	EPA 200.8	0.011	0.2			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Lead	Total	DNQ	0.02	µg/L	EPA 200.8	0.011	0.2			
2012/13-PRE	000NONPJ	matrix spike	8/6/2012	Metal	Mercury	Total	=	975	ng/L	EPA 245.1	3.9	50			
2012/13-PRE	000NONPJ	matrix spike	8/6/2012	Metal	Mercury	Total	=	967	ng/L	EPA 245.1	3.9	50			
2012/13-PRE	000NONPJ	matrix spike dup	8/6/2012	Metal	Mercury	Total	=	973	ng/L	EPA 245.1	3.9	50			
2012/13-PRE	000NONPJ	matrix spike dup	8/6/2012	Metal	Mercury	Total	=	957	ng/L	EPA 245.1	3.9	50			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/6/2012	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/6/2012	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/6/2012	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/6/2012	Metal	Mercury	Total	=	94	%	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	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/6/2012	Metal	Mercury	Total	=	0.2	%	EPA 245.1	-88	-88	0	20	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/6/2012	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2012/13-PRE	Blank (HNO3,me	equip blank	8/6/2012	Metal	Mercury	Total	DNQ	41	ng/L	EPA 245.1	3.9	50			
2012/13-PRE	Lab	LCS	8/6/2012	Metal	Mercury	Total	=	983	ng/L	EPA 245.1	3.9	50			
2012/13-PRE	Lab	LCS, rec	8/6/2012	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/6/2012	Metal	Mercury	Total	DNQ	39	ng/L	EPA 245.1	3.9	50			IP
2012/13-PRE	bing Blank (distille	equip blank	8/6/2012	Metal	Mercury	Total	DNQ	36	ng/L	EPA 245.1	3.9	50			
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Nickel	Total	=	50.9	µg/L	EPA 200.8	0.13	0.8			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Nickel	Total	=	50.4	µg/L	EPA 200.8	0.13	0.8			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Nickel	Total	=	52.5	µg/L	EPA 200.8	0.13	0.8			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Nickel	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Selenium	Total	=	50.2	µg/L	EPA 200.8	0.28	0.4			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Selenium	Total	=	50.2	µg/L	EPA 200.8	0.28	0.4			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Selenium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Selenium	Total	=	54.2	µg/L	EPA 200.8	0.28	0.4			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Selenium	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Silver	Total	=	42.7	µg/L	EPA 200.8	0.027	0.2			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Silver	Total	=	43.1	µg/L	EPA 200.8	0.027	0.2			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Silver	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Silver	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Silver	Total	=	46.4	µg/L	EPA 200.8	0.027	0.2			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Thallium	Total	=	53	µg/L	EPA 200.8	0.009	0.2			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Thallium	Total	=	53.5	µg/L	EPA 200.8	0.009	0.2			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Thallium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Thallium	Total	DNQ	0.02	µg/L	EPA 200.8	0.009	0.2			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Thallium	Total	=	49.1	µg/L	EPA 200.8	0.009	0.2			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Thallium	Total	DNQ	0.02	µg/L	EPA 200.8	0.009	0.2			IP
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Thallium	Total	DNQ	0.04	µg/L	EPA 200.8	0.009	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-PRE	000NONPJ	matrix spike	8/9/2012	Metal	Zinc	Total	=	86.1	µg/L	EPA 200.8	1.1	5			
2012/13-PRE	000NONPJ	matrix spike dup	8/9/2012	Metal	Zinc	Total	=	85.9	µg/L	EPA 200.8	1.1	5			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/9/2012	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, rec	8/9/2012	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/9/2012	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE	Blank (HNO3,me	equip blank	8/9/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-PRE	Lab	LCS	8/9/2012	Metal	Zinc	Total	=	55.9	µg/L	EPA 200.8	1.1	5			
2012/13-PRE	Lab	LCS, rec	8/9/2012	Metal	Zinc	Total	=	112	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE	Lab	method blank	8/9/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-PRE	bing Blank (distille	equip blank	8/9/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-PRE	000NONPJ	matrix spike	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.05	mg/L	EPA 353.2	0.01	0.1			
2012/13-PRE	000NONPJ	matrix spike	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.2	mg/L	EPA 353.2	0.01	0.1			
2012/13-PRE	000NONPJ	matrix spike dup	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.18	mg/L	EPA 353.2	0.01	0.1			
2012/13-PRE	000NONPJ	matrix spike dup	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2.04	mg/L	EPA 353.2	0.01	0.1			
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2012/13-PRE	000NONPJ	matrix spike dup, rec	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2012/13-PRE	000NONPJ	matrix spike, rec	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2012/13-PRE	000NONPJ	matrix spike, rec	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.8	%	EPA 353.2	-88	-88	0	20	
2012/13-PRE	000NONPJ	matrix spike, RPD	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2012/13-PRE	Blank (HNO3,me	equip blank	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2012/13-PRE	Lab	LCS	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	1.03	mg/L	EPA 353.2	0.01	0.1			
2012/13-PRE	Lab	LCS, rec	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2012/13-PRE	Lab	method blank	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2012/13-PRE	bing Blank (distille	equip blank	8/7/2012	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	26.6	µg/L	EPA 625	0.55	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	36.3	µg/L	EPA 625	0.55	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	44	142	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	53	%	EPA 625	-88	-88	44	142	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	31	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			IL
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	1,2-Dichlorobenzene	n/a	=	24.7	µg/L	EPA 625	0.57	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	1,2-Dichlorobenzene	n/a	=	34.7	µg/L	EPA 625	0.57	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	32	129	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	1,2-Dichlorobenzene	n/a	=	49	%	EPA 625	-88	-88	32	129	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	1,2-Dichlorobenzene	n/a	=	34	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			IL
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-PRE	Lab	method blank	8/9/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	1,3-Dichlorobenzene	n/a	=	23.5	µg/L	EPA 625	0.53	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	1,3-Dichlorobenzene	n/a	=	32.8	µg/L	EPA 625	0.53	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	1,3-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	0.1	172	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	1,3-Dichlorobenzene	n/a	=	47	%	EPA 625	-88	-88	0.1	172	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	1,3-Dichlorobenzene	n/a	=	33	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			IL
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	1,4-Dichlorobenzene	n/a	=	24.3	µg/L	EPA 625	0.55	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	1,4-Dichlorobenzene	n/a	=	33.9	µg/L	EPA 625	0.55	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	1,4-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	20	124	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	1,4-Dichlorobenzene	n/a	=	49	%	EPA 625	-88	-88	20	124	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	1,4-Dichlorobenzene	n/a	=	33	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			IL
2012/13-PRE	Blank (HNO3,me	srgt equip blank	8/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	73.9	µg/L	EPA 625	-88	-88			
2012/13-PRE	Blank (HNO3,me	srgt equip blank, rec	8/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	0.1	157	
2012/13-PRE	Lab	srgt LCS	8/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	74.9	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup	8/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	80.3	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup, rec	8/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	0.1	157	
2012/13-PRE	Lab	srgt LCS, rec	8/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	0.1	157	
2012/13-PRE	Lab	srgt method blank	8/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	53.2	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt method blank, rec	8/9/2012	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 625	-88	-88	0.1	157	
2012/13-PRE	bing Blank (distille	srgt equip blank	8/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	85.3	µg/L	EPA 625	-88	-88			
2012/13-PRE	bing Blank (distille	srgt equip blank, rec	8/10/2012	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	0.1	157	
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	2,4-Dinitrotoluene	n/a	=	38.4	µg/L	EPA 625	0.18	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	2,4-Dinitrotoluene	n/a	=	41.5	µg/L	EPA 625	0.18	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	2,4-Dinitrotoluene	n/a	=	83	%	EPA 625	-88	-88	39	139	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	2,4-Dinitrotoluene	n/a	=	77	%	EPA 625	-88	-88	39	139	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	2,4-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	2,6-Dinitrotoluene	n/a	=	40.5	µg/L	EPA 625	0.27	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	2,6-Dinitrotoluene	n/a	=	44.5	µg/L	EPA 625	0.27	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	2,6-Dinitrotoluene	n/a	=	89	%	EPA 625	-88	-88	50	158	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	50	158	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	2,6-Dinitrotoluene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	2-Chloronaphthalene	n/a	=	35.3	µg/L	EPA 625	0.45	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	2-Chloronaphthalene	n/a	=	42.6	µg/L	EPA 625	0.45	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625	-88	-88	60	118	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	2-Chloronaphthalene	n/a	=	71	%	EPA 625	-88	-88	60	118	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	2-Chloronaphthalene	n/a	=	19	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2012/13-PRE	Blank (HNO3,me	srgt equip blank	8/10/2012	Organic	2-Fluorobiphenyl	n/a	=	42.1	µg/L	EPA 625	-88	-88			
2012/13-PRE	Blank (HNO3,me	srgt equip blank, rec	8/10/2012	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	130	
2012/13-PRE	Lab	srgt LCS	8/9/2012	Organic	2-Fluorobiphenyl	n/a	=	34.5	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup	8/9/2012	Organic	2-Fluorobiphenyl	n/a	=	41.2	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup, rec	8/9/2012	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625	-88	-88	22	130	
2012/13-PRE	Lab	srgt LCS, rec	8/9/2012	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	130	
2012/13-PRE	Lab	srgt method blank	8/9/2012	Organic	2-Fluorobiphenyl	n/a	=	26.4	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt method blank, rec	8/9/2012	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625	-88	-88	22	130	
2012/13-PRE	bing Blank (distille	srgt equip blank	8/10/2012	Organic	2-Fluorobiphenyl	n/a	=	47.7	µg/L	EPA 625	-88	-88			
2012/13-PRE	bing Blank (distille	srgt equip blank, rec	8/10/2012	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	130	
2012/13-PRE	Blank (HNO3,me	srgt equip blank	8/10/2012	Organic	2-Fluorophenol	n/a	=	47.6	µg/L	EPA 625	-88	-88			
2012/13-PRE	Blank (HNO3,me	srgt equip blank, rec	8/10/2012	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	6	96	
2012/13-PRE	Lab	srgt LCS	8/9/2012	Organic	2-Fluorophenol	n/a	=	29.7	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup	8/9/2012	Organic	2-Fluorophenol	n/a	=	39	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup, rec	8/9/2012	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	6	96	
2012/13-PRE	Lab	srgt LCS, rec	8/9/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	6	96	
2012/13-PRE	Lab	srgt method blank	8/9/2012	Organic	2-Fluorophenol	n/a	=	27.4	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt method blank, rec	8/9/2012	Organic	2-Fluorophenol	n/a	=	27	%	EPA 625	-88	-88	6	96	
2012/13-PRE	bing Blank (distille	srgt equip blank	8/10/2012	Organic	2-Fluorophenol	n/a	=	56.5	µg/L	EPA 625	-88	-88			
2012/13-PRE	bing Blank (distille	srgt equip blank, rec	8/10/2012	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625	-88	-88	6	96	
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	36.1	µg/L	EPA 625	1.2	5			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	19.2	µg/L	EPA 625	1.2	5			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	38	%	EPA 625	-88	-88	0.1	262	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	72	%	EPA 625	-88	-88	0.1	262	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	61	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			IL
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	32.5	µg/L	EPA 625	0.36	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	35.5	µg/L	EPA 625	0.36	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	71	%	EPA 625	-88	-88	56	127	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	65	%	EPA 625	-88	-88	56	127	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	35.8	µg/L	EPA 625	0.41	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	40	µg/L	EPA 625	0.41	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	25	158	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	72	%	EPA 625	-88	-88	25	158	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	11	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	29.6	µg/L	EPA 625	0.25	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	37.4	µg/L	EPA 625	0.25	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	75	%	EPA 625	-88	-88	33	184	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	59	%	EPA 625	-88	-88	33	184	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	23	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	23.9	µg/L	EPA 625	0.27	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	33.3	µg/L	EPA 625	0.27	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625	-88	-88	12	158	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	48	%	EPA 625	-88	-88	12	158	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	33	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			IL
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	26.1	µg/L	EPA 625	0.38	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	36.7	µg/L	EPA 625	0.38	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	73	%	EPA 625	-88	-88	36	166	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	52	%	EPA 625	-88	-88	36	166	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	34	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			IL
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	4.2	µg/L	EPA 625	2.3	5			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Butyl benzyl phthalate	n/a	=	45.9	µg/L	EPA 625	0.18	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Butyl benzyl phthalate	n/a	=	48.5	µg/L	EPA 625	0.18	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Butyl benzyl phthalate	n/a	=	97	%	EPA 625	-88	-88	0.1	152	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Butyl benzyl phthalate	n/a	=	92	%	EPA 625	-88	-88	0.1	152	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Butyl benzyl phthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Diethyl phthalate	n/a	=	39.2	µg/L	EPA 625	0.15	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Diethyl phthalate	n/a	=	42.8	µg/L	EPA 625	0.15	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	112	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Diethyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	112	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Diethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Dimethyl phthalate	n/a	=	39.9	µg/L	EPA 625	0.18	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Dimethyl phthalate	n/a	=	43.5	µg/L	EPA 625	0.18	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Dimethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	112	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Dimethyl phthalate	n/a	=	80	%	EPA 625	-88	-88	0.1	112	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Dimethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Di-n-butylphthalate	n/a	=	41.9	µg/L	EPA 625	0.24	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Di-n-butylphthalate	n/a	=	44.8	µg/L	EPA 625	0.24	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Di-n-butylphthalate	n/a	=	90	%	EPA 625	-88	-88	1	118	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Di-n-butylphthalate	n/a	=	84	%	EPA 625	-88	-88	1	118	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Di-n-butylphthalate	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	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Di-n-octylphthalate	n/a	=	38.1	µg/L	EPA 625	0.19	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Di-n-octylphthalate	n/a	=	41.2	µg/L	EPA 625	0.19	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Di-n-octylphthalate	n/a	=	82	%	EPA 625	-88	-88	6	146	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Di-n-octylphthalate	n/a	=	76	%	EPA 625	-88	-88	6	146	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Hexachlorobenzene	n/a	=	34.8	µg/L	EPA 625	0.49	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Hexachlorobenzene	n/a	=	37.7	µg/L	EPA 625	0.49	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Hexachlorobenzene	n/a	=	75	%	EPA 625	-88	-88	0.1	152	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Hexachlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	152	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Hexachlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Hexachlorobutadiene	n/a	=	27.8	µg/L	EPA 625	0.47	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Hexachlorobutadiene	n/a	=	38.8	µg/L	EPA 625	0.47	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Hexachlorobutadiene	n/a	=	78	%	EPA 625	-88	-88	24	116	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Hexachlorobutadiene	n/a	=	56	%	EPA 625	-88	-88	24	116	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Hexachlorobutadiene	n/a	=	33	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			IL
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Hexachlorocyclopentadiene	n/a	=	13.9	µg/L	EPA 625	1.5	5			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Hexachlorocyclopentadiene	n/a	=	20.4	µg/L	EPA 625	1.5	5			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Hexachlorocyclopentadiene	n/a	=	41	%	EPA 625	-88	-88	0.1	136	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Hexachlorocyclopentadiene	n/a	=	28	%	EPA 625	-88	-88	0.1	136	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Hexachlorocyclopentadiene	n/a	=	38	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			IL
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Hexachloroethane	n/a	=	25.3	µg/L	EPA 625	0.52	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Hexachloroethane	n/a	=	35.1	µg/L	EPA 625	0.52	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Hexachloroethane	n/a	=	70	%	EPA 625	-88	-88	40	113	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Hexachloroethane	n/a	=	51	%	EPA 625	-88	-88	40	113	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Hexachloroethane	n/a	=	32	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			IL
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Isophorone	n/a	=	29.7	µg/L	EPA 625	0.21	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Isophorone	n/a	=	35.7	µg/L	EPA 625	0.21	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Isophorone	n/a	=	71	%	EPA 625	-88	-88	21	196	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Isophorone	n/a	=	59	%	EPA 625	-88	-88	21	196	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Isophorone	n/a	=	18	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			IL
2012/13-PRE	Lab	LCS	8/9/2012	Organic	Nitrobenzene	n/a	=	27.8	µg/L	EPA 625	0.36	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	Nitrobenzene	n/a	=	38.4	µg/L	EPA 625	0.36	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	Nitrobenzene	n/a	=	77	%	EPA 625	-88	-88	35	180	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	Nitrobenzene	n/a	=	56	%	EPA 625	-88	-88	35	180	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	Nitrobenzene	n/a	=	32	%	EPA 625	-88	-88	0	30	IL
2012/13-PRE	Lab	method blank	8/9/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			IL
2012/13-PRE	Blank (HNO3,me	srgt equip blank	8/10/2012	Organic	Nitrobenzene-d5	n/a	=	43.7	µg/L	EPA 625	-88	-88			
2012/13-PRE	Blank (HNO3,me	srgt equip blank, rec	8/10/2012	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625	-88	-88	34	139	
2012/13-PRE	Lab	srgt LCS	8/9/2012	Organic	Nitrobenzene-d5	n/a	=	27	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup	8/9/2012	Organic	Nitrobenzene-d5	n/a	=	36.2	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup, rec	8/9/2012	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	34	139	
2012/13-PRE	Lab	srgt LCS, rec	8/9/2012	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625	-88	-88	34	139	
2012/13-PRE	Lab	srgt method blank	8/9/2012	Organic	Nitrobenzene-d5	n/a	=	25.8	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt method blank, rec	8/9/2012	Organic	Nitrobenzene-d5	n/a	=	52	%	EPA 625	-88	-88	34	139	
2012/13-PRE	bing Blank (distille	srgt equip blank	8/10/2012	Organic	Nitrobenzene-d5	n/a	=	49.2	µg/L	EPA 625	-88	-88			
2012/13-PRE	bing Blank (distille	srgt equip blank, rec	8/10/2012	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	34	139	
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	N-Nitrosodimethylamine	n/a	=	13.5	µg/L	EPA 625	0.14	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	N-Nitrosodimethylamine	n/a	=	18.2	µg/L	EPA 625	0.14	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	N-Nitrosodimethylamine	n/a	=	36	%	EPA 625	-88	-88	27	78	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	N-Nitrosodimethylamine	n/a	=	27	%	EPA 625	-88	-88	27	78	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	N-Nitrosodimethylamine	n/a	=	30	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	29	µg/L	EPA 625	0.26	1			
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	39.3	µg/L	EPA 625	0.26	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	79	%	EPA 625	-88	-88	0.1	230	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	58	%	EPA 625	-88	-88	0.1	230	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	30	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	Lab	LCS	8/9/2012	Organic	N-Nitrosodiphenylamine	n/a	=	32.9	µg/L	EPA 625	0.19	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-PRE	Lab	LCS dup	8/9/2012	Organic	N-Nitrosodiphenylamine	n/a	=	34	µg/L	EPA 625	0.19	1			
2012/13-PRE	Lab	LCS dup, rec	8/9/2012	Organic	N-Nitrosodiphenylamine	n/a	=	68	%	EPA 625	-88	-88	48	129	
2012/13-PRE	Lab	LCS, rec	8/9/2012	Organic	N-Nitrosodiphenylamine	n/a	=	66	%	EPA 625	-88	-88	48	129	
2012/13-PRE	Lab	LCS, RPD	8/9/2012	Organic	N-Nitrosodiphenylamine	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-PRE	Lab	method blank	8/9/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2012/13-PRE	Blank (HNO3,me	srgt equip blank	8/10/2012	Organic	Phenol-d5	n/a	=	30.8	µg/L	EPA 625	-88	-88			
2012/13-PRE	Blank (HNO3,me	srgt equip blank, rec	8/10/2012	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	
2012/13-PRE	Lab	srgt LCS	8/9/2012	Organic	Phenol-d5	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup	8/9/2012	Organic	Phenol-d5	n/a	=	25.7	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup, rec	8/9/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	
2012/13-PRE	Lab	srgt LCS, rec	8/9/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	
2012/13-PRE	Lab	srgt method blank	8/9/2012	Organic	Phenol-d5	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt method blank, rec	8/9/2012	Organic	Phenol-d5	n/a	=	18	%	EPA 625	-88	-88	2	70	
2012/13-PRE	bing Blank (distille	srgt equip blank	8/10/2012	Organic	Phenol-d5	n/a	=	38.6	µg/L	EPA 625	-88	-88			
2012/13-PRE	bing Blank (distille	srgt equip blank, rec	8/10/2012	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	2	70	
2012/13-PRE	Blank (HNO3,me	srgt equip blank	8/10/2012	Organic	p-Terphenyl-d14	n/a	=	48.6	µg/L	EPA 625	-88	-88			
2012/13-PRE	Blank (HNO3,me	srgt equip blank, rec	8/10/2012	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625	-88	-88	6	145	
2012/13-PRE	Lab	srgt LCS	8/9/2012	Organic	p-Terphenyl-d14	n/a	=	47.6	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup	8/9/2012	Organic	p-Terphenyl-d14	n/a	=	50.5	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt LCS dup, rec	8/9/2012	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625	-88	-88	6	145	
2012/13-PRE	Lab	srgt LCS, rec	8/9/2012	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625	-88	-88	6	145	
2012/13-PRE	Lab	srgt method blank	8/9/2012	Organic	p-Terphenyl-d14	n/a	=	35.4	µg/L	EPA 625	-88	-88			
2012/13-PRE	Lab	srgt method blank, rec	8/9/2012	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	6	145	
2012/13-PRE	bing Blank (distille	srgt equip blank	8/10/2012	Organic	p-Terphenyl-d14	n/a	=	54	µg/L	EPA 625	-88	-88			
2012/13-PRE	bing Blank (distille	srgt equip blank, rec	8/10/2012	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625	-88	-88	6	145	
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-PRE	Blank (HNO3,me	equip blank	8/10/2012	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE	bing Blank (distille	equip blank	8/10/2012	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-PRE2	000NONPJ	matrix spike	9/6/2012	Metal	Copper	Total	=	48.5	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE2	000NONPJ	matrix spike	9/6/2012	Metal	Copper	Total	=	46.8	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE2	000NONPJ	matrix spike dup	9/6/2012	Metal	Copper	Total	=	46.9	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE2	000NONPJ	matrix spike dup	9/6/2012	Metal	Copper	Total	=	47.9	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE2	000NONPJ	matrix spike dup, rec	9/6/2012	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE2	000NONPJ	matrix spike dup, rec	9/6/2012	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE2	000NONPJ	matrix spike, rec	9/6/2012	Metal	Copper	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE2	000NONPJ	matrix spike, rec	9/6/2012	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-PRE2	000NONPJ	matrix spike, RPD	9/6/2012	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE2	000NONPJ	matrix spike, RPD	9/6/2012	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2012/13-PRE2	Lab	LCS	9/5/2012	Metal	Copper	Total	=	53	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE2	Lab	LCS, rec	9/5/2012	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-PRE2	Lab	method blank	9/5/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-PRE2	Tubing Blank	equip blank	9/5/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE2	Tubing Blank	equip blank	9/5/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE2	bing Blank (distille	equip blank	9/5/2012	Metal	Copper	Total	=	0.6	µg/L	EPA 200.8	0.27	0.5			
2012/13-PRE2	bing Blank (distille	equip blank	9/5/2012	Metal	Copper	Total	=	0.64	µg/L	EPA 200.8	0.27	0.5			
2013-DRY	Lab	method blank	8/22/2013	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2013-DRY	Lab	LCS	8/22/2013	Cation	Calcium	Total	=	49.5	mg/L	EPA 200.7	0.016	0.1			
2013-DRY	Lab	LCS, rec	8/22/2013	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2013-DRY	MO-CAM	matrix spike	8/22/2013	Cation	Calcium	Total	=	185	mg/L	EPA 200.7	0.016	0.1			
2013-DRY	MO-CAM	matrix spike, rec	8/22/2013	Cation	Calcium	Total	=	86	%	EPA 200.7	-88	-88	70	130	
2013-DRY	MO-CAM	matrix spike dup	8/22/2013	Cation	Calcium	Total	=	186	mg/L	EPA 200.7	0.016	0.1			
2013-DRY	MO-CAM	matrix spike dup, rec	8/22/2013	Cation	Calcium	Total	=	89	%	EPA 200.7	-88	-88	70	130	
2013-DRY	MO-CAM	matrix spike, RPD	8/22/2013	Cation	Calcium	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2013-DRY	MO-SPA	matrix spike	8/22/2013	Cation	Calcium	Total	=	183	mg/L	EPA 200.7	0.016	0.1			
2013-DRY	MO-SPA	matrix spike, rec	8/22/2013	Cation	Calcium	Total	=	86	%	EPA 200.7	-88	-88	70	130	
2013-DRY	MO-SPA	matrix spike dup	8/22/2013	Cation	Calcium	Total	=	189	mg/L	EPA 200.7	0.016	0.1			
2013-DRY	MO-SPA	matrix spike dup, rec	8/22/2013	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2013-DRY	MO-SPA	matrix spike, RPD	8/22/2013	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2013-DRY	Lab	method blank	8/22/2013	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2013-DRY	Lab	LCS	8/22/2013	Cation	Magnesium	Total	=	48.1	mg/L	EPA 200.7	0.012	0.1			
2013-DRY	Lab	LCS, rec	8/22/2013	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2013-DRY	MO-CAM	matrix spike	8/22/2013	Cation	Magnesium	Total	=	64.6	mg/L	EPA 200.7	0.012	0.1			
2013-DRY	MO-CAM	matrix spike, rec	8/22/2013	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2013-DRY	MO-CAM	matrix spike dup	8/22/2013	Cation	Magnesium	Total	=	64.8	mg/L	EPA 200.7	0.012	0.1			
2013-DRY	MO-CAM	matrix spike dup, rec	8/22/2013	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2013-DRY	MO-CAM	matrix spike, RPD	8/22/2013	Cation	Magnesium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2013-DRY	MO-SPA	matrix spike	8/22/2013	Cation	Magnesium	Total	=	92.5	mg/L	EPA 200.7	0.012	0.1			
2013-DRY	MO-SPA	matrix spike, rec	8/22/2013	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2013-DRY	MO-SPA	matrix spike dup	8/22/2013	Cation	Magnesium	Total	=	92.6	mg/L	EPA 200.7	0.012	0.1			
2013-DRY	MO-SPA	matrix spike dup, rec	8/22/2013	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2013-DRY	MO-SPA	matrix spike, RPD	8/22/2013	Cation	Magnesium	Total	=	0.07	%	EPA 200.7	-88	-88	0	30	
2013-DRY	000NONPJ	matrix spike	8/28/2013	Conventional	Total Organic Carbon	n/a	=	5.43	mg/L	SM 5310 C	0.009	0.3			QAX
2013-DRY	000NONPJ	matrix spike dup	8/28/2013	Conventional	Total Organic Carbon	n/a	=	5.65	mg/L	SM 5310 C	0.009	0.3			QAX
2013-DRY	000NONPJ	matrix spike dup, rec	8/28/2013	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 C	-88	-88	77	114	QAX
2013-DRY	000NONPJ	matrix spike, rec	8/28/2013	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	77	114	QAX
2013-DRY	000NONPJ	matrix spike, RPD	8/28/2013	Conventional	Total Organic Carbon	n/a	=	4	%	SM 5310 C	-88	-88	0	10	QAX
2013-DRY	Lab	LCS	8/19/2013	Conventional	Total Organic Carbon	n/a	=	5.01	mg/L	SM 5310 C	0.009	0.3			
2013-DRY	Lab	LCS, rec	8/19/2013	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 C	-88	-88	85	115	
2013-DRY	Lab	method blank	8/19/2013	Conventional	Total Organic Carbon	n/a	DNQ	0.017	mg/L	SM 5310 C	0.009	0.3			
2013-DRY	Lab	LCS	8/28/2013	Conventional	Total Organic Carbon	n/a	=	4.97	mg/L	SM 5310 C	0.009	0.3			
2013-DRY	Lab	LCS, rec	8/28/2013	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	85	115	
2013-DRY	Lab	method blank	8/28/2013	Conventional	Total Organic Carbon	n/a	<	0.009	mg/L	SM 5310 C	0.009	0.3			
2013-DRY	MO-CAM	matrix spike	8/19/2013	Conventional	Total Organic Carbon	n/a	=	48.6	mg/L	SM 5310 C	0.045	1.5			D
2013-DRY	MO-CAM	matrix spike dup	8/19/2013	Conventional	Total Organic Carbon	n/a	=	49.5	mg/L	SM 5310 C	0.045	1.5			D
2013-DRY	MO-CAM	matrix spike dup, rec	8/19/2013	Conventional	Total Organic Carbon	n/a	=	113	%	SM 5310 C	-88	-88	77	114	D
2013-DRY	MO-CAM	matrix spike, rec	8/19/2013	Conventional	Total Organic Carbon	n/a	=	110	%	SM 5310 C	-88	-88	77	114	D
2013-DRY	MO-CAM	matrix spike, RPD	8/19/2013	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	10	D
2013-DRY	DRY-HUE3	matrix spike	8/24/2013	Metal	Copper	Dissolved	=	41.8	µg/L	EPA 200.8	0.036	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	
2013-DRY	DRY-HUE3	matrix spike, rec	8/24/2013	Metal	Copper	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	
2013-DRY	DRY-HUE3	matrix spike dup	8/24/2013	Metal	Copper	Dissolved	=	42.6	µg/L	EPA 200.8	0.036	0.5			
2013-DRY	DRY-HUE3	matrix spike dup, rec	8/24/2013	Metal	Copper	Dissolved	=	85	%	EPA 200.8	-88	-88	70	130	
2013-DRY	DRY-HUE3	matrix spike, RPD	8/24/2013	Metal	Copper	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2013-DRY	Lab	LCS	8/23/2013	Metal	Copper	Dissolved	=	52.5	µg/L	EPA 200.8	0.036	0.5			
2013-DRY	Lab	LCS, rec	8/23/2013	Metal	Copper	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2013-DRY	Lab	method blank	8/23/2013	Metal	Copper	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.036	0.5			
2013-DRY	MO-SIM	matrix spike	8/24/2013	Metal	Copper	Dissolved	=	41.8	µg/L	EPA 200.8	0.036	0.5			
2013-DRY	MO-SIM	matrix spike, rec	8/24/2013	Metal	Copper	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	
2013-DRY	MO-SIM	matrix spike dup	8/24/2013	Metal	Copper	Dissolved	=	42.4	µg/L	EPA 200.8	0.036	0.5			
2013-DRY	MO-SIM	matrix spike dup, rec	8/24/2013	Metal	Copper	Dissolved	=	84	%	EPA 200.8	-88	-88	70	130	
2013-DRY	MO-SIM	matrix spike, RPD	8/24/2013	Metal	Copper	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2013-DRY	DRY-HUE3	matrix spike	8/24/2013	Metal	Lead	Dissolved	=	51.3	µg/L	EPA 200.8	0.024	0.2			
2013-DRY	DRY-HUE3	matrix spike, rec	8/24/2013	Metal	Lead	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2013-DRY	DRY-HUE3	matrix spike dup	8/24/2013	Metal	Lead	Dissolved	=	50.9	µg/L	EPA 200.8	0.024	0.2			
2013-DRY	DRY-HUE3	matrix spike dup, rec	8/24/2013	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2013-DRY	DRY-HUE3	matrix spike, RPD	8/24/2013	Metal	Lead	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	
2013-DRY	Lab	LCS	8/23/2013	Metal	Lead	Dissolved	=	51.1	µg/L	EPA 200.8	0.024	0.2			
2013-DRY	Lab	LCS, rec	8/23/2013	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2013-DRY	Lab	method blank	8/23/2013	Metal	Lead	Dissolved	<	0.024	µg/L	EPA 200.8	0.024	0.2			
2013-DRY	MO-SIM	matrix spike	8/24/2013	Metal	Lead	Dissolved	=	51.3	µg/L	EPA 200.8	0.024	0.2			
2013-DRY	MO-SIM	matrix spike, rec	8/24/2013	Metal	Lead	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2013-DRY	MO-SIM	matrix spike dup	8/24/2013	Metal	Lead	Dissolved	=	51.8	µg/L	EPA 200.8	0.024	0.2			
2013-DRY	MO-SIM	matrix spike dup, rec	8/24/2013	Metal	Lead	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2013-DRY	MO-SIM	matrix spike, RPD	8/24/2013	Metal	Lead	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2013-DRY	DRY-HUE3	matrix spike	8/24/2013	Metal	Zinc	Dissolved	=	48.1	µg/L	EPA 200.8	0.5	5			
2013-DRY	DRY-HUE3	matrix spike, rec	8/24/2013	Metal	Zinc	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2013-DRY	DRY-HUE3	matrix spike dup	8/24/2013	Metal	Zinc	Dissolved	=	48.3	µg/L	EPA 200.8	0.5	5			
2013-DRY	DRY-HUE3	matrix spike dup, rec	8/24/2013	Metal	Zinc	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2013-DRY	DRY-HUE3	matrix spike, RPD	8/24/2013	Metal	Zinc	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	
2013-DRY	Lab	LCS	8/23/2013	Metal	Zinc	Dissolved	=	55.1	µg/L	EPA 200.8	0.5	5			
2013-DRY	Lab	LCS, rec	8/23/2013	Metal	Zinc	Dissolved	=	110	%	EPA 200.8	-88	-88	85	115	
2013-DRY	Lab	method blank	8/23/2013	Metal	Zinc	Dissolved	DNQ	2.51	µg/L	EPA 200.8	0.5	5			
2013-DRY	MO-SIM	matrix spike	8/24/2013	Metal	Zinc	Dissolved	=	47.4	µg/L	EPA 200.8	0.5	5			
2013-DRY	MO-SIM	matrix spike, rec	8/24/2013	Metal	Zinc	Dissolved	=	89	%	EPA 200.8	-88	-88	70	130	
2013-DRY	MO-SIM	matrix spike dup	8/24/2013	Metal	Zinc	Dissolved	=	47.5	µg/L	EPA 200.8	0.5	5			
2013-DRY	MO-SIM	matrix spike dup, rec	8/24/2013	Metal	Zinc	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	
2013-DRY	MO-SIM	matrix spike, RPD	8/24/2013	Metal	Zinc	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	