



*Ventura Countywide  
Stormwater Quality  
Management Program*

2015-2016  
Permit Year

# Ventura Countywide Stormwater Quality Management Program Annual Report

## Attachment D Monitoring Appendix F



December 15, 2016

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**

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	000NONPJ	matrix spike	9/17/2015	Anion	Chloride	n/a	=	197	mg/L	EPA 300.0	2.5	12			
2015/16-1	000NONPJ	matrix spike, rec	9/17/2015	Anion	Chloride	n/a	=	76	%	EPA 300.0	-88	-88	76	118	
2015/16-1	000NONPJ	matrix spike dup	9/17/2015	Anion	Chloride	n/a	=	199	mg/L	EPA 300.0	2.5	12			
2015/16-1	000NONPJ	matrix spike dup, rec	9/17/2015	Anion	Chloride	n/a	=	78	%	EPA 300.0	-88	-88	76	118	
2015/16-1	000NONPJ	matrix spike, RPD	9/17/2015	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/18/2015	Anion	Chloride	n/a	=	258	mg/L	EPA 300.0	5	25			
2015/16-1	000NONPJ	matrix spike, rec	9/18/2015	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2015/16-1	000NONPJ	matrix spike dup	9/18/2015	Anion	Chloride	n/a	=	259	mg/L	EPA 300.0	5	25			
2015/16-1	000NONPJ	matrix spike dup, rec	9/18/2015	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2015/16-1	000NONPJ	matrix spike, RPD	9/18/2015	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/18/2015	Anion	Chloride	n/a	=	115	mg/L	EPA 300.0	2.5	12			
2015/16-1	000NONPJ	matrix spike, rec	9/18/2015	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2015/16-1	000NONPJ	matrix spike dup	9/18/2015	Anion	Chloride	n/a	=	114	mg/L	EPA 300.0	2.5	12			
2015/16-1	000NONPJ	matrix spike dup, rec	9/18/2015	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	76	118	
2015/16-1	000NONPJ	matrix spike, RPD	9/18/2015	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/18/2015	Anion	Chloride	n/a	=	94.3	mg/L	EPA 300.0	1	5			
2015/16-1	000NONPJ	matrix spike, rec	9/18/2015	Anion	Chloride	n/a	=	89	%	EPA 300.0	-88	-88	76	118	
2015/16-1	000NONPJ	matrix spike dup	9/18/2015	Anion	Chloride	n/a	=	97.7	mg/L	EPA 300.0	1	5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/18/2015	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2015/16-1	000NONPJ	matrix spike, RPD	9/18/2015	Anion	Chloride	n/a	=	3	%	EPA 300.0	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/18/2015	Anion	Chloride	n/a	=	43	mg/L	EPA 300.0	1	5			
2015/16-1	000NONPJ	matrix spike, rec	9/18/2015	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2015/16-1	000NONPJ	matrix spike dup	9/18/2015	Anion	Chloride	n/a	=	43.6	mg/L	EPA 300.0	1	5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/18/2015	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	76	118	
2015/16-1	000NONPJ	matrix spike, RPD	9/18/2015	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-1	Lab	method blank	9/17/2015	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-1	Lab	LCS	9/17/2015	Anion	Chloride	n/a	=	3.74	mg/L	EPA 300.0	0.1	0.5			
2015/16-1	Lab	LCS, rec	9/17/2015	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	90	110	
2015/16-1	Lab	method blank	9/18/2015	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-1	Lab	LCS	9/18/2015	Anion	Chloride	n/a	=	3.68	mg/L	EPA 300.0	0.1	0.5			
2015/16-1	Lab	LCS, rec	9/18/2015	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	90	110	
2015/16-1	Lab	method blank	9/18/2015	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-1	Lab	LCS	9/18/2015	Anion	Chloride	n/a	=	3.85	mg/L	EPA 300.0	0.1	0.5			
2015/16-1	Lab	LCS, rec	9/18/2015	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2015/16-1	MO-CAM	matrix spike	9/17/2015	Anion	Chloride	n/a	=	61.2	mg/L	EPA 300.0	1	5			
2015/16-1	MO-CAM	matrix spike, rec	9/17/2015	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	76	118	
2015/16-1	MO-CAM	matrix spike dup	9/17/2015	Anion	Chloride	n/a	=	64.9	mg/L	EPA 300.0	1	5			
2015/16-1	MO-CAM	matrix spike dup, rec	9/17/2015	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	76	118	
2015/16-1	MO-CAM	matrix spike, RPD	9/17/2015	Anion	Chloride	n/a	=	6	%	EPA 300.0	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/17/2015	Anion	Fluoride	n/a	=	46	mg/L	EPA 300.0	0.5	2.5			
2015/16-1	000NONPJ	matrix spike, rec	9/17/2015	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	86	107	
2015/16-1	000NONPJ	matrix spike dup	9/17/2015	Anion	Fluoride	n/a	=	48.3	mg/L	EPA 300.0	0.5	2.5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/17/2015	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2015/16-1	000NONPJ	matrix spike, RPD	9/17/2015	Anion	Fluoride	n/a	=	5	%	EPA 300.0	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/18/2015	Anion	Fluoride	n/a	=	91	mg/L	EPA 300.0	1	5			
2015/16-1	000NONPJ	matrix spike, rec	9/18/2015	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	86	107	
2015/16-1	000NONPJ	matrix spike dup	9/18/2015	Anion	Fluoride	n/a	=	90.5	mg/L	EPA 300.0	1	5			

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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	
2015/16-1	000NONPJ	matrix spike dup, rec	9/18/2015	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	86	107	
2015/16-1	000NONPJ	matrix spike, RPD	9/18/2015	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/18/2015	Anion	Fluoride	n/a	=	46	mg/L	EPA 300.0	0.5	2.5			
2015/16-1	000NONPJ	matrix spike, rec	9/18/2015	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	86	107	
2015/16-1	000NONPJ	matrix spike dup	9/18/2015	Anion	Fluoride	n/a	=	45.9	mg/L	EPA 300.0	0.5	2.5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/18/2015	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	86	107	
2015/16-1	000NONPJ	matrix spike, RPD	9/18/2015	Anion	Fluoride	n/a	=	0.05	%	EPA 300.0	-88	-88	0	20	
2015/16-1	Lab	method blank	9/17/2015	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-1	Lab	LCS	9/17/2015	Anion	Fluoride	n/a	=	1.85	mg/L	EPA 300.0	0.02	0.1			
2015/16-1	Lab	LCS, rec	9/17/2015	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	90	110	
2015/16-1	Lab	method blank	9/18/2015	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-1	Lab	LCS	9/18/2015	Anion	Fluoride	n/a	=	1.85	mg/L	EPA 300.0	0.02	0.1			
2015/16-1	Lab	LCS, rec	9/18/2015	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	90	110	
2015/16-1	MO-CAM	matrix spike	9/17/2015	Anion	Fluoride	n/a	=	18.7	mg/L	EPA 300.0	0.2	1			
2015/16-1	MO-CAM	matrix spike, rec	9/17/2015	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	86	107	
2015/16-1	MO-CAM	matrix spike dup	9/17/2015	Anion	Fluoride	n/a	=	18.6	mg/L	EPA 300.0	0.2	1			
2015/16-1	MO-CAM	matrix spike dup, rec	9/17/2015	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	86	107	
2015/16-1	MO-CAM	matrix spike, RPD	9/17/2015	Anion	Fluoride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/15/2015	Anion	Perchlorate	n/a	=	11.6	µg/L	EPA 314.0	0.95	2			
2015/16-1	000NONPJ	matrix spike, rec	9/15/2015	Anion	Perchlorate	n/a	=	116	%	EPA 314.0	-88	-88	80	120	
2015/16-1	000NONPJ	matrix spike dup	9/15/2015	Anion	Perchlorate	n/a	=	11.4	µg/L	EPA 314.0	0.95	2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/15/2015	Anion	Perchlorate	n/a	=	114	%	EPA 314.0	-88	-88	80	120	
2015/16-1	000NONPJ	matrix spike, RPD	9/15/2015	Anion	Perchlorate	n/a	=	1	%	EPA 314.0	-88	-88	0	15	
2015/16-1	000NONPJ	lab duplicate	9/15/2015	Anion	Perchlorate	n/a	=	2.19	µg/L	EPA 314.0	0.95	2		15	
2015/16-1	000NONPJ	matrix spike	9/18/2015	Anion	Perchlorate	n/a	=	11.2	µg/L	EPA 314.0	0.95	2			
2015/16-1	000NONPJ	matrix spike, rec	9/18/2015	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2015/16-1	000NONPJ	matrix spike dup	9/18/2015	Anion	Perchlorate	n/a	=	11.2	µg/L	EPA 314.0	0.95	2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/18/2015	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2015/16-1	000NONPJ	matrix spike, RPD	9/18/2015	Anion	Perchlorate	n/a	=	0.1	%	EPA 314.0	-88	-88	0	15	
2015/16-1	Lab	method blank	9/15/2015	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2015/16-1	Lab	LCS	9/15/2015	Anion	Perchlorate	n/a	=	11.1	µg/L	EPA 314.0	0.95	2			
2015/16-1	Lab	LCS, rec	9/15/2015	Anion	Perchlorate	n/a	=	111	%	EPA 314.0	-88	-88	85	115	
2015/16-1	Lab	method blank	9/16/2015	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2015/16-1	Lab	LCS	9/16/2015	Anion	Perchlorate	n/a	=	11.4	µg/L	EPA 314.0	0.95	2			
2015/16-1	Lab	LCS, rec	9/16/2015	Anion	Perchlorate	n/a	=	114	%	EPA 314.0	-88	-88	85	115	
2015/16-1	Lab	method blank	9/18/2015	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2015/16-1	Lab	LCS	9/18/2015	Anion	Perchlorate	n/a	=	11	µg/L	EPA 314.0	0.95	2			
2015/16-1	Lab	LCS, rec	9/18/2015	Anion	Perchlorate	n/a	=	110	%	EPA 314.0	-88	-88	85	115	
2015/16-1	MO-VEN	matrix spike	9/16/2015	Anion	Perchlorate	n/a	=	23.6	µg/L	EPA 314.0	1.9	4			
2015/16-1	MO-VEN	matrix spike, rec	9/16/2015	Anion	Perchlorate	n/a	=	99	%	EPA 314.0	-88	-88	80	120	
2015/16-1	MO-VEN	matrix spike dup	9/16/2015	Anion	Perchlorate	n/a	=	23.8	µg/L	EPA 314.0	1.9	4			
2015/16-1	MO-VEN	matrix spike dup, rec	9/16/2015	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2015/16-1	MO-VEN	matrix spike, RPD	9/16/2015	Anion	Perchlorate	n/a	=	1	%	EPA 314.0	-88	-88	0	15	
2015/16-1	000NONPJ	matrix spike	9/23/2015	Cation	Calcium	Total	=	61.2	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	000NONPJ	matrix spike, rec	9/23/2015	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/23/2015	Cation	Calcium	Total	=	59.2	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	9/23/2015	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	



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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	
2015/16-1	000NONPJ	matrix spike, RPD	9/23/2015	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/23/2015	Cation	Calcium	Total	=	70.3	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	000NONPJ	matrix spike, rec	9/23/2015	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/23/2015	Cation	Calcium	Total	=	68.4	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	9/23/2015	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/23/2015	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2015/16-1	Lab	method blank	9/22/2015	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	Lab	LCS	9/22/2015	Cation	Calcium	Total	=	51	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	Lab	LCS, rec	9/22/2015	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2015/16-1	Lab	method blank	9/23/2015	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	Lab	LCS	9/23/2015	Cation	Calcium	Total	=	49.5	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	Lab	LCS, rec	9/23/2015	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2015/16-1	MO-FIL	matrix spike	9/22/2015	Cation	Calcium	Total	=	88	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	MO-FIL	matrix spike, rec	9/22/2015	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2015/16-1	MO-FIL	matrix spike dup	9/22/2015	Cation	Calcium	Total	=	87.9	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	MO-FIL	matrix spike dup, rec	9/22/2015	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2015/16-1	MO-FIL	matrix spike, RPD	9/22/2015	Cation	Calcium	Total	=	0.02	%	EPA 200.7	-88	-88	0	30	
2015/16-1	MO-SPA	matrix spike	9/22/2015	Cation	Calcium	Total	=	103	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	MO-SPA	matrix spike, rec	9/22/2015	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-1	MO-SPA	matrix spike dup	9/22/2015	Cation	Calcium	Total	=	103	mg/L	EPA 200.7	0.016	0.1			
2015/16-1	MO-SPA	matrix spike dup, rec	9/22/2015	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-1	MO-SPA	matrix spike, RPD	9/22/2015	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/23/2015	Cation	Magnesium	Total	=	54.6	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	000NONPJ	matrix spike, rec	9/23/2015	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/23/2015	Cation	Magnesium	Total	=	52.5	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	9/23/2015	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/23/2015	Cation	Magnesium	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/23/2015	Cation	Magnesium	Total	=	54.7	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	000NONPJ	matrix spike, rec	9/23/2015	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/23/2015	Cation	Magnesium	Total	=	54.8	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	9/23/2015	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/23/2015	Cation	Magnesium	Total	=	0.06	%	EPA 200.7	-88	-88	0	30	
2015/16-1	Lab	method blank	9/22/2015	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	Lab	LCS	9/22/2015	Cation	Magnesium	Total	=	51.9	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	Lab	LCS, rec	9/22/2015	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2015/16-1	Lab	method blank	9/23/2015	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	Lab	LCS	9/23/2015	Cation	Magnesium	Total	=	49	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	Lab	LCS, rec	9/23/2015	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2015/16-1	MO-FIL	matrix spike	9/22/2015	Cation	Magnesium	Total	=	61.4	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	MO-FIL	matrix spike, rec	9/22/2015	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-1	MO-FIL	matrix spike dup	9/22/2015	Cation	Magnesium	Total	=	61.1	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	MO-FIL	matrix spike dup, rec	9/22/2015	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-1	MO-FIL	matrix spike, RPD	9/22/2015	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2015/16-1	MO-SPA	matrix spike	9/22/2015	Cation	Magnesium	Total	=	64.9	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	MO-SPA	matrix spike, rec	9/22/2015	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-1	MO-SPA	matrix spike dup	9/22/2015	Cation	Magnesium	Total	=	66.2	mg/L	EPA 200.7	0.012	0.1			
2015/16-1	MO-SPA	matrix spike dup, rec	9/22/2015	Cation	Magnesium	Total	=	108	%	EPA 200.7	-88	-88	70	130	

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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	
2015/16-1	MO-SPA	matrix spike, RPD	9/22/2015	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-1	Lab	LCS	9/17/2015	Conventional	Alkalinity as CaCO3	n/a	=	242	mg/L	SM 2320 B	0.56	10			
2015/16-1	Lab	LCS, rec	9/17/2015	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	94	108	
2015/16-1	Lab	method blank	9/17/2015	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.34	mg/L	SM 2320 B	0.56	10			IP
2015/16-1	Lab	LCS	9/22/2015	Conventional	Alkalinity as CaCO3	n/a	=	259	mg/L	SM 2320 B	0.56	2			
2015/16-1	Lab	LCS, rec	9/22/2015	Conventional	Alkalinity as CaCO3	n/a	=	104	%	SM 2320 B	-88	-88	94	108	
2015/16-1	Lab	method blank	9/22/2015	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.51	mg/L	SM 2320 B	0.56	2			IP
2015/16-1	ME-VR2	lab duplicate	9/17/2015	Conventional	Alkalinity as CaCO3	n/a	=	290	mg/L	SM 2320 B	0.56	10		15	
2015/16-1	MO-CAM	lab duplicate	9/22/2015	Conventional	Alkalinity as CaCO3	n/a	=	58.9	mg/L	SM 2320 B	0.56	2		15	
2015/16-1	000NONPJ	lab duplicate	9/21/2015	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2015/16-1	Lab	LCS	9/21/2015	Conventional	BOD	n/a	=	171	mg/L	SM 5210 B	2	2			
2015/16-1	Lab	LCS	9/21/2015	Conventional	BOD	n/a	=	203	mg/L	SM 5210 B	2	2			
2015/16-1	Lab	LCS, rec	9/21/2015	Conventional	BOD	n/a	=	86	%	SM 5210 B	-88	-88	85	115	
2015/16-1	Lab	LCS, rec	9/21/2015	Conventional	BOD	n/a	=	103	%	SM 5210 B	-88	-88	85	115	
2015/16-1	Lab	LCS	9/22/2015	Conventional	BOD	n/a	=	172	mg/L	SM 5210 B	2	2			
2015/16-1	Lab	LCS, rec	9/22/2015	Conventional	BOD	n/a	=	87	%	SM 5210 B	-88	-88	85	115	
2015/16-1	ME-CC	lab duplicate	9/22/2015	Conventional	BOD	n/a	=	9.72	mg/L	SM 5210 B	2	2		20	
2015/16-1	MO-OXN	lab duplicate	9/21/2015	Conventional	BOD	n/a	=	17.8	mg/L	SM 5210 B	2	2		20	
2015/16-1	000NONPJ	lab duplicate	9/22/2015	Conventional	COD	n/a	=	762	mg/L	EPA 410.4	2.9	20		15	
2015/16-1	000NONPJ	matrix spike	9/22/2015	Conventional	COD	n/a	=	2570	mg/L	EPA 410.4	1.5	10			
2015/16-1	000NONPJ	matrix spike dup	9/22/2015	Conventional	COD	n/a	=	2590	mg/L	EPA 410.4	1.5	10			
2015/16-1	000NONPJ	matrix spike dup, rec	9/22/2015	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, rec	9/22/2015	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, RPD	9/22/2015	Conventional	COD	n/a	=	0.7	%	EPA 410.4	-88	-88	0	15	
2015/16-1	Lab	LCS	9/17/2015	Conventional	COD	n/a	=	102	mg/L	EPA 410.4	0.73	5			
2015/16-1	Lab	LCS, rec	9/17/2015	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2015/16-1	Lab	method blank	9/17/2015	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2015/16-1	Lab	LCS	9/22/2015	Conventional	COD	n/a	=	91.6	mg/L	EPA 410.4	0.73	5			
2015/16-1	Lab	LCS, rec	9/22/2015	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2015/16-1	Lab	method blank	9/22/2015	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2015/16-1	ME-CC	matrix spike	9/22/2015	Conventional	COD	n/a	=	251	mg/L	EPA 410.4	1.5	10			
2015/16-1	ME-CC	matrix spike dup	9/22/2015	Conventional	COD	n/a	=	253	mg/L	EPA 410.4	1.5	10			
2015/16-1	ME-CC	matrix spike dup, rec	9/22/2015	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2015/16-1	ME-CC	matrix spike, rec	9/22/2015	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2015/16-1	ME-CC	matrix spike, RPD	9/22/2015	Conventional	COD	n/a	=	0.6	%	EPA 410.4	-88	-88	0	15	
2015/16-1	ME-VR2	matrix spike	9/17/2015	Conventional	COD	n/a	=	210	mg/L	EPA 410.4	1.5	10			
2015/16-1	ME-VR2	matrix spike dup	9/17/2015	Conventional	COD	n/a	=	217	mg/L	EPA 410.4	1.5	10			
2015/16-1	ME-VR2	matrix spike dup, rec	9/17/2015	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2015/16-1	ME-VR2	matrix spike, rec	9/17/2015	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2015/16-1	ME-VR2	matrix spike, RPD	9/17/2015	Conventional	COD	n/a	=	3	%	EPA 410.4	-88	-88	0	15	
2015/16-1	MO-OXN	matrix spike	9/17/2015	Conventional	COD	n/a	=	2290	mg/L	EPA 410.4	1.5	10			
2015/16-1	MO-OXN	matrix spike dup	9/17/2015	Conventional	COD	n/a	=	2280	mg/L	EPA 410.4	1.5	10			
2015/16-1	MO-OXN	matrix spike dup, rec	9/17/2015	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2015/16-1	MO-OXN	matrix spike, rec	9/17/2015	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2015/16-1	MO-OXN	matrix spike, RPD	9/17/2015	Conventional	COD	n/a	=	0.1	%	EPA 410.4	-88	-88	0	15	
2015/16-1	MO-SPA	lab duplicate	9/17/2015	Conventional	COD	n/a	=	646	mg/L	EPA 410.4	1.5	10		15	
2015/16-1	Lab	LCS	9/23/2015	Conventional	Cyanide	Total	=	0.0437	mg/L	ASTM D7511	0.0005	0.002			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS, rec	9/23/2015	Conventional	Cyanide	Total	=	87	%	ASTM D7511	-88	-88	84	116	
2015/16-1	Lab	method blank	9/23/2015	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2015/16-1	ME-CC	matrix spike	9/23/2015	Conventional	Cyanide	Total	=	0.0489	mg/L	ASTM D7511	0.0005	0.002			
2015/16-1	ME-CC	matrix spike dup	9/23/2015	Conventional	Cyanide	Total	=	0.0481	mg/L	ASTM D7511	0.0005	0.002			
2015/16-1	ME-CC	matrix spike dup, rec	9/23/2015	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2015/16-1	ME-CC	matrix spike, rec	9/23/2015	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	64	136	
2015/16-1	ME-CC	matrix spike, RPD	9/23/2015	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2015/16-1	ME-VR2	matrix spike	9/23/2015	Conventional	Cyanide	Total	=	0.0467	mg/L	ASTM D7511	0.0005	0.002			
2015/16-1	ME-VR2	matrix spike dup	9/23/2015	Conventional	Cyanide	Total	=	0.0452	mg/L	ASTM D7511	0.0005	0.002			
2015/16-1	ME-VR2	matrix spike dup, rec	9/23/2015	Conventional	Cyanide	Total	=	87	%	ASTM D7511	-88	-88	64	136	
2015/16-1	ME-VR2	matrix spike, rec	9/23/2015	Conventional	Cyanide	Total	=	90	%	ASTM D7511	-88	-88	64	136	
2015/16-1	ME-VR2	matrix spike, RPD	9/23/2015	Conventional	Cyanide	Total	=	3	%	ASTM D7511	-88	-88	0	47	
2015/16-1	000NONPJ	matrix spike	9/16/2015	Conventional	MBAS	n/a	=	0.263	mg/L	SM 5540 C	0.019	0.05			
2015/16-1	000NONPJ	matrix spike dup	9/16/2015	Conventional	MBAS	n/a	=	0.266	mg/L	SM 5540 C	0.019	0.05			
2015/16-1	000NONPJ	matrix spike dup, rec	9/16/2015	Conventional	MBAS	n/a	=	99	%	SM 5540 C	-88	-88	74	123	
2015/16-1	000NONPJ	matrix spike, rec	9/16/2015	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	74	123	
2015/16-1	000NONPJ	matrix spike, RPD	9/16/2015	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/17/2015	Conventional	MBAS	n/a	=	0.209	mg/L	SM 5540 C	0.019	0.05			
2015/16-1	000NONPJ	matrix spike dup	9/17/2015	Conventional	MBAS	n/a	=	0.22	mg/L	SM 5540 C	0.019	0.05			
2015/16-1	000NONPJ	matrix spike dup, rec	9/17/2015	Conventional	MBAS	n/a	=	90	%	SM 5540 C	-88	-88	74	123	
2015/16-1	000NONPJ	matrix spike, rec	9/17/2015	Conventional	MBAS	n/a	=	85	%	SM 5540 C	-88	-88	74	123	
2015/16-1	000NONPJ	matrix spike, RPD	9/17/2015	Conventional	MBAS	n/a	=	5	%	SM 5540 C	-88	-88	0	20	
2015/16-1	Lab	LCS	9/16/2015	Conventional	MBAS	n/a	=	0.194	mg/L	SM 5540 C	0.019	0.05			
2015/16-1	Lab	LCS, rec	9/16/2015	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	82	115	
2015/16-1	Lab	method blank	9/16/2015	Conventional	MBAS	n/a	DNQ	0.0217	mg/L	SM 5540 C	0.019	0.05			IP
2015/16-1	Lab	LCS	9/17/2015	Conventional	MBAS	n/a	=	0.191	mg/L	SM 5540 C	0.019	0.05			
2015/16-1	Lab	LCS, rec	9/17/2015	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	82	115	
2015/16-1	Lab	method blank	9/17/2015	Conventional	MBAS	n/a	DNQ	0.021	mg/L	SM 5540 C	0.019	0.05			IP
2015/16-1	000NONPJ	matrix spike	9/29/2015	Conventional	Phenolics	n/a	=	0.258	mg/L	EPA 420.4	0.0042	0.01			
2015/16-1	000NONPJ	matrix spike, rec	9/29/2015	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike dup	9/29/2015	Conventional	Phenolics	n/a	=	0.259	mg/L	EPA 420.4	0.0042	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	9/29/2015	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, RPD	9/29/2015	Conventional	Phenolics	n/a	=	0.5	%	EPA 420.4	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/30/2015	Conventional	Phenolics	n/a	=	0.263	mg/L	EPA 420.4	0.0042	0.01			
2015/16-1	000NONPJ	matrix spike, rec	9/30/2015	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike dup	9/30/2015	Conventional	Phenolics	n/a	=	0.26	mg/L	EPA 420.4	0.0042	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	9/30/2015	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, RPD	9/30/2015	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2015/16-1	Lab	LCS	9/29/2015	Conventional	Phenolics	n/a	=	0.1	mg/L	EPA 420.4	0.0042	0.01			
2015/16-1	Lab	LCS, rec	9/29/2015	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2015/16-1	Lab	method blank	9/29/2015	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2015/16-1	Lab	LCS	9/30/2015	Conventional	Phenolics	n/a	=	0.0977	mg/L	EPA 420.4	0.0042	0.01			
2015/16-1	Lab	LCS, rec	9/30/2015	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2015/16-1	Lab	method blank	9/30/2015	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2015/16-1	000NONPJ	lab duplicate	9/21/2015	Conventional	Specific Conductance	n/a	=	150	µmhos/cm	SM 2510 B	0.23	2		5	
2015/16-1	Lab	LCS	9/18/2015	Conventional	Specific Conductance	n/a	=	208	µmhos/cm	SM 2510 B	0.23	2			
2015/16-1	Lab	LCS, rec	9/18/2015	Conventional	Specific Conductance	n/a	=	104	%	SM 2510 B	-88	-88	95	105	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	method blank	9/18/2015	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2015/16-1	Lab	LCS	9/21/2015	Conventional	Specific Conductance	n/a	=	210	µmhos/cm	SM 2510 B	0.23	2			
2015/16-1	Lab	LCS, rec	9/21/2015	Conventional	Specific Conductance	n/a	=	105	%	SM 2510 B	-88	-88	95	105	
2015/16-1	Lab	method blank	9/21/2015	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2015/16-1	Lab	LCS	9/23/2015	Conventional	Specific Conductance	n/a	=	4870	µmhos/cm	SM 2510 B	0.23	2			
2015/16-1	Lab	LCS, rec	9/23/2015	Conventional	Specific Conductance	n/a	=	97	%	SM 2510 B	-88	-88	95	105	
2015/16-1	Lab	method blank	9/23/2015	Conventional	Specific Conductance	n/a	DNQ	1.6	µmhos/cm	SM 2510 B	0.23	2			IP
2015/16-1	ME-VR2	lab duplicate	9/18/2015	Conventional	Specific Conductance	n/a	=	1340	µmhos/cm	SM 2510 B	0.23	2		5	
2015/16-1	MO-HUE	lab duplicate	9/23/2015	Conventional	Specific Conductance	n/a	=	12500	µmhos/cm	SM 2510 B	0.23	2		5	
2015/16-1	000NONPJ	matrix spike	9/17/2015	Conventional	Total Chlorine Residual	n/a	=	0.198	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-1	000NONPJ	matrix spike dup	9/17/2015	Conventional	Total Chlorine Residual	n/a	=	0.196	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-1	000NONPJ	matrix spike dup, rec	9/17/2015	Conventional	Total Chlorine Residual	n/a	=	97	%	SM 4500-Cl G	-88	-88	78	114	
2015/16-1	000NONPJ	matrix spike, rec	9/17/2015	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	78	114	
2015/16-1	000NONPJ	matrix spike, RPD	9/17/2015	Conventional	Total Chlorine Residual	n/a	=	1	%	SM 4500-Cl G	-88	-88	0	15	
2015/16-1	Lab	LCS	9/17/2015	Conventional	Total Chlorine Residual	n/a	=	0.184	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-1	Lab	LCS, rec	9/17/2015	Conventional	Total Chlorine Residual	n/a	=	92	%	SM 4500-Cl G	-88	-88	85	110	
2015/16-1	Lab	method blank	9/17/2015	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-1	000NONPJ	lab duplicate	9/17/2015	Conventional	Total Dissolved Solids	n/a	=	4710	mg/L	SM 2540 C	4	10		10	
2015/16-1	000NONPJ	lab duplicate	9/17/2015	Conventional	Total Dissolved Solids	n/a	=	592	mg/L	SM 2540 C	4	10		10	
2015/16-1	000NONPJ	lab duplicate	9/18/2015	Conventional	Total Dissolved Solids	n/a	=	678	mg/L	SM 2540 C	4	10		10	
2015/16-1	000NONPJ	lab duplicate	9/18/2015	Conventional	Total Dissolved Solids	n/a	=	1210	mg/L	SM 2540 C	4	10		10	
2015/16-1	000NONPJ	lab duplicate	9/21/2015	Conventional	Total Dissolved Solids	n/a	=	1810	mg/L	SM 2540 C	4	10		10	
2015/16-1	000NONPJ	lab duplicate	9/21/2015	Conventional	Total Dissolved Solids	n/a	=	1030	mg/L	SM 2540 C	4	10		10	
2015/16-1	Lab	LCS	9/17/2015	Conventional	Total Dissolved Solids	n/a	=	810	mg/L	SM 2540 C	4	10			
2015/16-1	Lab	LCS, rec	9/17/2015	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	96	102	
2015/16-1	Lab	method blank	9/17/2015	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-1	Lab	LCS	9/18/2015	Conventional	Total Dissolved Solids	n/a	=	819	mg/L	SM 2540 C	4	10			
2015/16-1	Lab	LCS, rec	9/18/2015	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2015/16-1	Lab	method blank	9/18/2015	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-1	Lab	LCS	9/21/2015	Conventional	Total Dissolved Solids	n/a	=	814	mg/L	SM 2540 C	4	10			
2015/16-1	Lab	LCS, rec	9/21/2015	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2015/16-1	Lab	method blank	9/21/2015	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-1	000NONPJ	matrix spike	9/22/2015	Conventional	Total Organic Carbon	n/a	=	7.66	mg/L	SM 5310 C	0.009	0.3			
2015/16-1	000NONPJ	matrix spike dup	9/22/2015	Conventional	Total Organic Carbon	n/a	=	7.69	mg/L	SM 5310 C	0.009	0.3			
2015/16-1	000NONPJ	matrix spike dup, rec	9/22/2015	Conventional	Total Organic Carbon	n/a	=	105	%	SM 5310 C	-88	-88	80	116	
2015/16-1	000NONPJ	matrix spike, rec	9/22/2015	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 C	-88	-88	80	116	
2015/16-1	000NONPJ	matrix spike, RPD	9/22/2015	Conventional	Total Organic Carbon	n/a	=	0.4	%	SM 5310 C	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/23/2015	Conventional	Total Organic Carbon	n/a	=	7.99	mg/L	SM 5310 C	0.009	0.3			
2015/16-1	000NONPJ	matrix spike dup	9/23/2015	Conventional	Total Organic Carbon	n/a	=	7.81	mg/L	SM 5310 C	0.009	0.3			
2015/16-1	000NONPJ	matrix spike dup, rec	9/23/2015	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 C	-88	-88	80	116	
2015/16-1	000NONPJ	matrix spike, rec	9/23/2015	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 C	-88	-88	80	116	
2015/16-1	000NONPJ	matrix spike, RPD	9/23/2015	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	
2015/16-1	Lab	LCS	9/22/2015	Conventional	Total Organic Carbon	n/a	=	4.79	mg/L	SM 5310 C	0.009	0.3			
2015/16-1	Lab	LCS, rec	9/22/2015	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 C	-88	-88	85	115	
2015/16-1	Lab	method blank	9/22/2015	Conventional	Total Organic Carbon	n/a	DNQ	0.0306	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-1	Lab	LCS	9/23/2015	Conventional	Total Organic Carbon	n/a	=	4.72	mg/L	SM 5310 C	0.009	0.3			
2015/16-1	Lab	LCS, rec	9/23/2015	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	85	115	

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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	
2015/16-1	Lab	method blank	9/23/2015	Conventional	Total Organic Carbon	n/a	DNQ	0.0429	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-1	000NONPJ	lab duplicate	9/18/2015	Conventional	Total Suspended Solids	n/a	=	6	mg/L	SM 2540 D	-88	5		20	
2015/16-1	Lab	method blank	9/18/2015	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2015/16-1	ME-VR2	lab duplicate	9/18/2015	Conventional	Total Suspended Solids	n/a	DNQ	4	mg/L	SM 2540 D	-88	5		20	
2015/16-1	000NONPJ	lab duplicate	9/16/2015	Conventional	Turbidity	n/a	=	6.83	NTU	EPA 180.1	0.024	0.1		10	
2015/16-1	000NONPJ	lab duplicate	9/17/2015	Conventional	Turbidity	n/a	=	0.68	NTU	EPA 180.1	0.024	0.1		10	
2015/16-1	Lab	LCS	9/16/2015	Conventional	Turbidity	n/a	=	10.6	NTU	EPA 180.1	0.024	0.1			
2015/16-1	Lab	LCS, rec	9/16/2015	Conventional	Turbidity	n/a	=	106	%	EPA 180.1	-88	-88	90	110	
2015/16-1	Lab	method blank	9/16/2015	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-1	Lab	LCS	9/16/2015	Conventional	Turbidity	n/a	=	10.1	NTU	EPA 180.1	0.024	0.1			
2015/16-1	Lab	LCS, rec	9/16/2015	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2015/16-1	Lab	method blank	9/16/2015	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-1	Lab	LCS	9/17/2015	Conventional	Turbidity	n/a	=	10.9	NTU	EPA 180.1	0.024	0.1			
2015/16-1	Lab	LCS, rec	9/17/2015	Conventional	Turbidity	n/a	=	109	%	EPA 180.1	-88	-88	90	110	
2015/16-1	Lab	method blank	9/17/2015	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-1	MO-SIM	lab duplicate	9/16/2015	Conventional	Turbidity	n/a	=	21.4	NTU	EPA 180.1	0.024	0.1		10	
2015/16-1	Lab	method blank	9/18/2015	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2015/16-1	ME-VR2	lab duplicate	9/18/2015	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2015/16-1	Lab	method blank	9/25/2015	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015B	0.024	0.1			
2015/16-1	Lab	LCS	9/25/2015	Hydrocarbon	Diesel Range Organics	n/a	=	0.4	mg/L	EPA 8015B	0.024	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Hydrocarbon	Diesel Range Organics	n/a	=	80	%	EPA 8015B	-88	-88	56	136	
2015/16-1	Lab	method blank	9/28/2015	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015B	0.024	0.1			
2015/16-1	Lab	LCS	9/28/2015	Hydrocarbon	Diesel Range Organics	n/a	=	0.418	mg/L	EPA 8015B	0.024	0.1			
2015/16-1	Lab	LCS, rec	9/28/2015	Hydrocarbon	Diesel Range Organics	n/a	=	84	%	EPA 8015B	-88	-88	56	136	
2015/16-1	Lab	method blank	10/1/2015	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0456	mg/L	EPA 8015B	0.024	0.1			IP
2015/16-1	Lab	LCS	10/1/2015	Hydrocarbon	Diesel Range Organics	n/a	=	0.373	mg/L	EPA 8015B	0.024	0.1			
2015/16-1	Lab	LCS, rec	10/1/2015	Hydrocarbon	Diesel Range Organics	n/a	=	75	%	EPA 8015B	-88	-88	56	136	
2015/16-1	Lab	LCS dup	10/1/2015	Hydrocarbon	Diesel Range Organics	n/a	=	0.393	mg/L	EPA 8015B	0.024	0.1			
2015/16-1	Lab	LCS dup, rec	10/1/2015	Hydrocarbon	Diesel Range Organics	n/a	=	79	%	EPA 8015B	-88	-88	56	136	
2015/16-1	Lab	LCS, RPD	10/1/2015	Hydrocarbon	Diesel Range Organics	n/a	=	5	%	EPA 8015B	-88	-88	0	25	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Hydrocarbon	Diesel Range Organics	n/a	=	1.52	mg/L	EPA 8015B	0.024	0.1			BBM,GB
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Hydrocarbon	Diesel Range Organics	n/a	=	-20	%	EPA 8015B	-88	-88	70	130	BBM,GB
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Hydrocarbon	Diesel Range Organics	n/a	=	1.62	mg/L	EPA 8015B	0.024	0.1			BBM,GB
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Hydrocarbon	Diesel Range Organics	n/a	=	0	%	EPA 8015B	-88	-88	70	130	BBM,GB
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Hydrocarbon	Diesel Range Organics	n/a	=	6	%	EPA 8015B	-88	-88	0	25	
2015/16-1	Lab	LCS	9/16/2015	Hydrocarbon	Gasoline Range Organics	n/a	=	1.14	mg/L	EPA 8015B	0.044	0.1			
2015/16-1	Lab	LCS, rec	9/16/2015	Hydrocarbon	Gasoline Range Organics	n/a	=	114	%	EPA 8015B	-88	-88	75	123	
2015/16-1	Lab	LCS dup	9/16/2015	Hydrocarbon	Gasoline Range Organics	n/a	=	1.15	mg/L	EPA 8015B	0.044	0.1			
2015/16-1	Lab	LCS dup, rec	9/16/2015	Hydrocarbon	Gasoline Range Organics	n/a	=	115	%	EPA 8015B	-88	-88	75	123	
2015/16-1	Lab	LCS, RPD	9/16/2015	Hydrocarbon	Gasoline Range Organics	n/a	=	1	%	EPA 8015B	-88	-88	0	25	
2015/16-1	Lab	method blank	9/16/2015	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-1	Lab	LCS	9/18/2015	Hydrocarbon	Gasoline Range Organics	n/a	=	1.05	mg/L	EPA 8015B	0.044	0.1			
2015/16-1	Lab	LCS, rec	9/18/2015	Hydrocarbon	Gasoline Range Organics	n/a	=	105	%	EPA 8015B	-88	-88	75	123	
2015/16-1	Lab	LCS dup	9/18/2015	Hydrocarbon	Gasoline Range Organics	n/a	=	1.06	mg/L	EPA 8015B	0.044	0.1			
2015/16-1	Lab	LCS dup, rec	9/18/2015	Hydrocarbon	Gasoline Range Organics	n/a	=	106	%	EPA 8015B	-88	-88	75	123	
2015/16-1	Lab	LCS, RPD	9/18/2015	Hydrocarbon	Gasoline Range Organics	n/a	=	0.3	%	EPA 8015B	-88	-88	0	25	
2015/16-1	Lab	method blank	9/18/2015	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	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	
2015/16-1	Lab	srgt method blank	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.281	mg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	113	%	EPA 8015B	-88	-88	64	155	
2015/16-1	Lab	srgt LCS	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.262	mg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	105	%	EPA 8015B	-88	-88	64	155	
2015/16-1	Lab	srgt method blank	9/28/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.284	mg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/28/2015	Hydrocarbon	n-Tetracosane	n/a	=	114	%	EPA 8015B	-88	-88	64	155	
2015/16-1	Lab	srgt LCS	9/28/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.302	mg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/28/2015	Hydrocarbon	n-Tetracosane	n/a	=	121	%	EPA 8015B	-88	-88	64	155	
2015/16-1	Lab	srgt method blank	10/1/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.307	mg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Hydrocarbon	n-Tetracosane	n/a	=	123	%	EPA 8015B	-88	-88	64	155	
2015/16-1	Lab	srgt LCS	10/1/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.291	mg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Hydrocarbon	n-Tetracosane	n/a	=	116	%	EPA 8015B	-88	-88	64	155	
2015/16-1	Lab	srgt LCS dup	10/1/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.294	mg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	10/1/2015	Hydrocarbon	n-Tetracosane	n/a	=	118	%	EPA 8015B	-88	-88	64	155	
2015/16-1	ME-CC	srgt environ	10/1/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.283	mg/L	EPA 8015B	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	10/1/2015	Hydrocarbon	n-Tetracosane	n/a	=	113	%	EPA 8015B	-88	-88	64	155	
2015/16-1	ME-VR2	srgt environ	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.281	mg/L	EPA 8015B	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	113	%	EPA 8015B	-88	-88	64	155	
2015/16-1	MO-CAM	srgt environ	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.207	mg/L	EPA 8015B	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	83	%	EPA 8015B	-88	-88	64	155	
2015/16-1	MO-FIL	srgt environ	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.225	mg/L	EPA 8015B	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	86	%	EPA 8015B	-88	-88	64	155	
2015/16-1	MO-HUE	srgt environ	9/26/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.243	mg/L	EPA 8015B	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/26/2015	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015B	-88	-88	64	155	
2015/16-1	MO-MPK	srgt environ	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.182	mg/L	EPA 8015B	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	73	%	EPA 8015B	-88	-88	64	155	
2015/16-1	MO-OXN	srgt matrix spike	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.223	mg/L	EPA 8015B	-88	-88			
2015/16-1	MO-OXN	srgt matrix spike, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	89	%	EPA 8015B	-88	-88	64	155	
2015/16-1	MO-OXN	srgt matrix spike dup	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.213	mg/L	EPA 8015B	-88	-88			
2015/16-1	MO-OXN	srgt matrix spike dup, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	85	%	EPA 8015B	-88	-88	64	155	
2015/16-1	MO-OXN	srgt environ	9/26/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.188	mg/L	EPA 8015B	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/26/2015	Hydrocarbon	n-Tetracosane	n/a	=	75	%	EPA 8015B	-88	-88	64	155	
2015/16-1	MO-SIM	srgt environ	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.228	mg/L	EPA 8015B	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015B	-88	-88	64	155	
2015/16-1	MO-SPA	srgt environ	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.22	mg/L	EPA 8015B	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	88	%	EPA 8015B	-88	-88	64	155	
2015/16-1	MO-THO	srgt environ	9/26/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.125	mg/L	EPA 8015B	-88	-88			GN
2015/16-1	MO-THO	srgt environ, rec	9/26/2015	Hydrocarbon	n-Tetracosane	n/a	=	50	%	EPA 8015B	-88	-88	64	155	GN
2015/16-1	MO-VEN	srgt environ	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	0.22	mg/L	EPA 8015B	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/25/2015	Hydrocarbon	n-Tetracosane	n/a	=	88	%	EPA 8015B	-88	-88	64	155	
2015/16-1	Lab	LCS	9/18/2015	Hydrocarbon	Oil and Grease	n/a	=	17	mg/L	EPA 1664A	1.3	5			
2015/16-1	Lab	LCS	9/18/2015	Hydrocarbon	Oil and Grease	n/a	DNQ	4.3	mg/L	EPA 1664A	1.3	5			
2015/16-1	Lab	LCS dup	9/18/2015	Hydrocarbon	Oil and Grease	n/a	=	17	mg/L	EPA 1664A	1.3	5			
2015/16-1	Lab	LCS dup, rec	9/18/2015	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664A	-88	-88	78	114	
2015/16-1	Lab	LCS, rec	9/18/2015	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2015/16-1	Lab	LCS, rec	9/18/2015	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664A	-88	-88	78	114	
2015/16-1	Lab	LCS, RPD	9/18/2015	Hydrocarbon	Oil and Grease	n/a	=	0	%	EPA 1664A	-88	-88	0	18	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	method blank	9/18/2015	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-1	ME-VR2	matrix spike	9/18/2015	Hydrocarbon	Oil and Grease	n/a	=	19.2	mg/L	EPA 1664A	1.3	5			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Hydrocarbon	Oil and Grease	n/a	=	79	%	EPA 1664A	-88	-88	78	114	
2015/16-1	Lab	method blank	9/25/2015	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2015/16-1	Lab	method blank	9/28/2015	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2015/16-1	Lab	method blank	10/1/2015	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2015/16-1	Lab	method blank	9/25/2015	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-1	Lab	LCS	9/25/2015	Metal	Aluminum	Dissolved	=	48.9	µg/L	EPA 200.8	1.3	5			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Aluminum	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-1	Lab	LCS	9/28/2015	Metal	Aluminum	Dissolved	=	51.6	µg/L	EPA 200.8	1.3	5			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Aluminum	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Aluminum	Total	=	7060	µg/L	EPA 200.8	1.3	5			GB
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Aluminum	Total	=	738	%	EPA 200.8	-88	-88	70	130	GB
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Aluminum	Total	=	6700	µg/L	EPA 200.8	1.3	5			GB
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Aluminum	Total	=	6	%	EPA 200.8	-88	-88	70	130	GB
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Aluminum	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Aluminum	Total	=	64	µg/L	EPA 200.8	1.3	5			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Aluminum	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Aluminum	Total	=	61.8	µg/L	EPA 200.8	1.3	5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-1	Lab	LCS	9/25/2015	Metal	Aluminum	Total	=	48.9	µg/L	EPA 200.8	1.3	5			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-1	Lab	LCS	9/28/2015	Metal	Aluminum	Total	=	51.6	µg/L	EPA 200.8	1.3	5			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Aluminum	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Aluminum	Total	=	2360	µg/L	EPA 200.8	1.3	5			GB
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Aluminum	Total	=	49	%	EPA 200.8	-88	-88	70	130	GB
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Aluminum	Total	=	2330	µg/L	EPA 200.8	1.3	5			GB
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Aluminum	Total	=	-22	%	EPA 200.8	-88	-88	70	130	GB
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Aluminum	Total	=	1370	µg/L	EPA 200.8	1.3	5			BB,GB
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Aluminum	Total	=	466	%	EPA 200.8	-88	-88	70	130	BB,GB
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Aluminum	Total	=	1460	µg/L	EPA 200.8	1.3	5			BB,GB
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Aluminum	Total	=	657	%	EPA 200.8	-88	-88	70	130	BB,GB
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Aluminum	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	Lab	LCS	9/25/2015	Metal	Antimony	Dissolved	=	47.5	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Antimony	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	Lab	LCS	9/28/2015	Metal	Antimony	Dissolved	=	47.2	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Antimony	Total	=	42.6	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Antimony	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Antimony	Total	=	43.1	µg/L	EPA 200.8	0.045	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	
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Antimony	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Antimony	Total	=	47.8	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Antimony	Total	=	48.8	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	Lab	LCS	9/25/2015	Metal	Antimony	Total	=	47.5	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	Lab	LCS	9/28/2015	Metal	Antimony	Total	=	47.2	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Antimony	Total	=	47.2	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Antimony	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Antimony	Total	=	46.2	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Antimony	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Antimony	Total	=	47.6	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Antimony	Total	=	46.6	µg/L	EPA 200.8	0.045	0.5			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Antimony	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	Lab	LCS	9/25/2015	Metal	Arsenic	Dissolved	=	49	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	Lab	LCS	9/28/2015	Metal	Arsenic	Dissolved	=	48.9	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Arsenic	Total	=	52.1	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Arsenic	Total	=	52.2	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Arsenic	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Arsenic	Total	=	50	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Arsenic	Total	=	50.3	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Arsenic	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	Lab	LCS	9/25/2015	Metal	Arsenic	Total	=	49	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	Lab	LCS	9/28/2015	Metal	Arsenic	Total	=	48.9	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Arsenic	Total	=	52.8	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Arsenic	Total	=	51.1	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Arsenic	Total	=	51.8	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Arsenic	Total	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Barium	Total	=	147	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Barium	Total	=	146	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Barium	Total	=	52.6	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Barium	Total	=	52.9	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Barium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Barium	Total	=	1.03	µg/L	EPA 200.8	0.071	0.5			IP
2015/16-1	Lab	LCS	9/25/2015	Metal	Barium	Total	=	47	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	Lab	LCS	9/28/2015	Metal	Barium	Total	=	49.6	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Barium	Total	=	110	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Barium	Total	=	110	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Barium	Total	=	102	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Barium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Barium	Total	=	74.7	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Barium	Total	=	73.1	µg/L	EPA 200.8	0.071	0.5			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	Lab	LCS	9/25/2015	Metal	Beryllium	Dissolved	=	48.7	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	Lab	LCS	9/28/2015	Metal	Beryllium	Dissolved	=	48.9	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Beryllium	Total	=	52.1	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Beryllium	Total	=	52.6	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Beryllium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Beryllium	Total	=	51.8	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Beryllium	Total	=	104	%	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	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Beryllium	Total	=	51.9	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Beryllium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	Lab	LCS	9/25/2015	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	Lab	LCS	9/28/2015	Metal	Beryllium	Total	=	48.9	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Beryllium	Total	=	50	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Beryllium	Total	=	49.2	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Beryllium	Total	=	48	µg/L	EPA 200.8	0.033	0.1			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	Lab	LCS	9/25/2015	Metal	Cadmium	Dissolved	=	51.6	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Cadmium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	Lab	LCS	9/28/2015	Metal	Cadmium	Dissolved	=	49.3	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Cadmium	Total	=	50.7	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Cadmium	Total	=	50.5	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Cadmium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Cadmium	Total	=	50.1	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Cadmium	Total	=	50.5	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Cadmium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	Lab	LCS	9/25/2015	Metal	Cadmium	Total	=	51.6	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Cadmium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	Lab	LCS	9/28/2015	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Cadmium	Total	=	51.2	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Cadmium	Total	=	49.9	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.041	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	
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.041	0.1			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	Lab	LCS	9/25/2015	Metal	Chromium	Dissolved	=	52.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Chromium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Chromium	Dissolved	DNQ	0.04	µg/L	EPA 200.8	0.035	0.2			IP
2015/16-1	Lab	LCS	9/28/2015	Metal	Chromium	Dissolved	=	49	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Chromium	Total	=	60.6	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Chromium	Total	=	60.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Chromium	Total	=	51.1	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Chromium	Total	=	51.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Chromium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	Lab	LCS	9/25/2015	Metal	Chromium	Total	=	52.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Chromium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	Lab	LCS	9/28/2015	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Chromium	Total	=	56.6	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Chromium	Total	=	55.6	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Chromium	Total	=	53.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Chromium	Total	=	54.7	µg/L	EPA 200.8	0.035	0.2			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/23/2015	Metal	Chromium VI	n/a	=	4.93	µg/L	EPA 218.6	0.0048	0.02			
2015/16-1	000NONPJ	matrix spike, rec	9/23/2015	Metal	Chromium VI	n/a	=	97	%	EPA 218.6	-88	-88	88	112	
2015/16-1	000NONPJ	matrix spike dup	9/23/2015	Metal	Chromium VI	n/a	=	5.09	µg/L	EPA 218.6	0.0048	0.02			
2015/16-1	000NONPJ	matrix spike dup, rec	9/23/2015	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2015/16-1	000NONPJ	matrix spike, RPD	9/23/2015	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2015/16-1	Lab	method blank	9/23/2015	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2015/16-1	Lab	LCS	9/23/2015	Metal	Chromium VI	n/a	=	5.01	µg/L	EPA 218.6	0.0048	0.02			
2015/16-1	Lab	LCS, rec	9/23/2015	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	90	110	
2015/16-1	MO-VEN	matrix spike	9/23/2015	Metal	Chromium VI	n/a	=	5.48	µg/L	EPA 218.6	0.0048	0.02			
2015/16-1	MO-VEN	matrix spike, rec	9/23/2015	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2015/16-1	MO-VEN	matrix spike dup	9/23/2015	Metal	Chromium VI	n/a	=	5.59	µg/L	EPA 218.6	0.0048	0.02			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-VEN	matrix spike dup, rec	9/23/2015	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2015/16-1	MO-VEN	matrix spike, RPD	9/23/2015	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2015/16-1	Lab	method blank	9/25/2015	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	Lab	LCS	9/25/2015	Metal	Copper	Dissolved	=	51.4	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	Lab	LCS	9/28/2015	Metal	Copper	Dissolved	=	50	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Copper	Total	=	89.5	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Copper	Total	=	89.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Copper	Total	=	51.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Copper	Total	=	52	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Copper	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	Lab	LCS	9/25/2015	Metal	Copper	Total	=	51.4	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	Lab	LCS	9/28/2015	Metal	Copper	Total	=	50	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Copper	Total	=	101	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Copper	Total	=	98.6	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Copper	Total	=	70.4	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Copper	Total	=	70.2	µg/L	EPA 200.8	0.13	0.5			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/22/2015	Metal	Iron	Dissolved	DNQ	2.22	µg/L	EPA 200.7	1.1	10			IP
2015/16-1	Lab	LCS	9/22/2015	Metal	Iron	Dissolved	=	193	µg/L	EPA 200.7	1.1	10			
2015/16-1	Lab	LCS, rec	9/22/2015	Metal	Iron	Dissolved	=	96	%	EPA 200.7	-88	-88	85	115	
2015/16-1	Lab	method blank	9/23/2015	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2015/16-1	Lab	LCS	9/23/2015	Metal	Iron	Dissolved	=	188	µg/L	EPA 200.7	1.1	10			
2015/16-1	Lab	LCS, rec	9/23/2015	Metal	Iron	Dissolved	=	94	%	EPA 200.7	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/23/2015	Metal	Iron	Total	=	3940	µg/L	EPA 200.7	1.1	10			GB
2015/16-1	000NONPJ	matrix spike, rec	9/23/2015	Metal	Iron	Total	=	325	%	EPA 200.7	-88	-88	70	130	GB
2015/16-1	000NONPJ	matrix spike dup	9/23/2015	Metal	Iron	Total	=	3230	µg/L	EPA 200.7	1.1	10			GB
2015/16-1	000NONPJ	matrix spike dup, rec	9/23/2015	Metal	Iron	Total	=	-31	%	EPA 200.7	-88	-88	70	130	GB
2015/16-1	000NONPJ	matrix spike, RPD	9/23/2015	Metal	Iron	Total	=	20	%	EPA 200.7	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/23/2015	Metal	Iron	Total	=	284	µg/L	EPA 200.7	1.1	10			
2015/16-1	000NONPJ	matrix spike, rec	9/23/2015	Metal	Iron	Total	=	95	%	EPA 200.7	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	000NONPJ	matrix spike dup	9/23/2015	Metal	Iron	Total	=	280	µg/L	EPA 200.7	1.1	10			
2015/16-1	000NONPJ	matrix spike dup, rec	9/23/2015	Metal	Iron	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/23/2015	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-1	Lab	method blank	9/22/2015	Metal	Iron	Total	DNQ	2.77	µg/L	EPA 200.7	1.1	10			IP
2015/16-1	Lab	LCS	9/22/2015	Metal	Iron	Total	=	193	µg/L	EPA 200.7	1.1	10			
2015/16-1	Lab	LCS, rec	9/22/2015	Metal	Iron	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2015/16-1	Lab	method blank	9/23/2015	Metal	Iron	Total	DNQ	2.47	µg/L	EPA 200.7	1.1	10			IP
2015/16-1	Lab	LCS	9/23/2015	Metal	Iron	Total	=	188	µg/L	EPA 200.7	1.1	10			
2015/16-1	Lab	LCS, rec	9/23/2015	Metal	Iron	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2015/16-1	MO-FIL	matrix spike	9/22/2015	Metal	Iron	Total	=	2240	µg/L	EPA 200.7	1.1	10			BB,GB
2015/16-1	MO-FIL	matrix spike, rec	9/22/2015	Metal	Iron	Total	=	60	%	EPA 200.7	-88	-88	70	130	BB,GB
2015/16-1	MO-FIL	matrix spike dup	9/22/2015	Metal	Iron	Total	=	2200	µg/L	EPA 200.7	1.1	10			BB,GB
2015/16-1	MO-FIL	matrix spike dup, rec	9/22/2015	Metal	Iron	Total	=	38	%	EPA 200.7	-88	-88	70	130	BB,GB
2015/16-1	MO-FIL	matrix spike, RPD	9/22/2015	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-1	MO-SPA	matrix spike	9/22/2015	Metal	Iron	Total	=	9210	µg/L	EPA 200.7	1.1	10			BB,GB
2015/16-1	MO-SPA	matrix spike, rec	9/22/2015	Metal	Iron	Total	=	199	%	EPA 200.7	-88	-88	70	130	BB,GB
2015/16-1	MO-SPA	matrix spike dup	9/22/2015	Metal	Iron	Total	=	9120	µg/L	EPA 200.7	1.1	10			BB,GB
2015/16-1	MO-SPA	matrix spike dup, rec	9/22/2015	Metal	Iron	Total	=	154	%	EPA 200.7	-88	-88	70	130	BB,GB
2015/16-1	MO-SPA	matrix spike, RPD	9/22/2015	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	Lab	LCS	9/25/2015	Metal	Lead	Dissolved	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	Lab	LCS	9/28/2015	Metal	Lead	Dissolved	=	48.4	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Lead	Total	=	61.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Lead	Total	=	60.5	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Lead	Total	=	50.9	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	Lab	LCS	9/25/2015	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	Lab	LCS	9/28/2015	Metal	Lead	Total	=	48.4	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Lead	Total	=	60.9	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Lead	Total	=	59.1	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Lead	Total	=	57.7	µg/L	EPA 200.8	0.031	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	
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Lead	Total	=	57	µg/L	EPA 200.8	0.031	0.2			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/24/2015	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			
2015/16-1	000NONPJ	matrix spike	9/24/2015	Metal	Mercury	Dissolved	=	958	ng/L	EPA 245.1	3.9	50			
2015/16-1	000NONPJ	matrix spike dup	9/24/2015	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	3.9	50			
2015/16-1	000NONPJ	matrix spike dup	9/24/2015	Metal	Mercury	Dissolved	=	990	ng/L	EPA 245.1	3.9	50			
2015/16-1	000NONPJ	matrix spike dup, rec	9/24/2015	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup, rec	9/24/2015	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, rec	9/24/2015	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, rec	9/24/2015	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/24/2015	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike, RPD	9/24/2015	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2015/16-1	Lab	LCS	9/24/2015	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	3.9	50			
2015/16-1	Lab	LCS, rec	9/24/2015	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	85	115	
2015/16-1	Lab	method blank	9/24/2015	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			
2015/16-1	Lab	LCS	9/24/2015	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			
2015/16-1	Lab	LCS, rec	9/24/2015	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	85	115	
2015/16-1	Lab	method blank	9/24/2015	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			
2015/16-1	ME-VR2	matrix spike	9/24/2015	Metal	Mercury	Dissolved	=	979	ng/L	EPA 245.1	3.9	50			
2015/16-1	ME-VR2	matrix spike dup	9/24/2015	Metal	Mercury	Dissolved	=	972	ng/L	EPA 245.1	3.9	50			
2015/16-1	ME-VR2	matrix spike dup, rec	9/24/2015	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, rec	9/24/2015	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/24/2015	Metal	Mercury	Dissolved	=	0.7	%	EPA 245.1	-88	-88	0	20	
2015/16-1	MO-HUE	matrix spike	9/24/2015	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			
2015/16-1	MO-HUE	matrix spike dup	9/24/2015	Metal	Mercury	Dissolved	=	995	ng/L	EPA 245.1	3.9	50			
2015/16-1	MO-HUE	matrix spike dup, rec	9/24/2015	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	70	130	
2015/16-1	MO-HUE	matrix spike, rec	9/24/2015	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-1	MO-HUE	matrix spike, RPD	9/24/2015	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/24/2015	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			
2015/16-1	000NONPJ	matrix spike	9/24/2015	Metal	Mercury	Total	=	958	ng/L	EPA 245.1	3.9	50			
2015/16-1	000NONPJ	matrix spike dup	9/24/2015	Metal	Mercury	Total	=	990	ng/L	EPA 245.1	3.9	50			
2015/16-1	000NONPJ	matrix spike dup	9/24/2015	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2015/16-1	000NONPJ	matrix spike dup, rec	9/24/2015	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup, rec	9/24/2015	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, rec	9/24/2015	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, rec	9/24/2015	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/24/2015	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike, RPD	9/24/2015	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2015/16-1	Lab	LCS	9/24/2015	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	3.9	50			
2015/16-1	Lab	LCS, rec	9/24/2015	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	85	115	
2015/16-1	Lab	method blank	9/24/2015	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			
2015/16-1	Lab	LCS	9/24/2015	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			
2015/16-1	Lab	LCS, rec	9/24/2015	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	85	115	
2015/16-1	Lab	method blank	9/24/2015	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			
2015/16-1	ME-VR2	matrix spike	9/24/2015	Metal	Mercury	Total	=	979	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	
2015/16-1	ME-VR2	matrix spike dup	9/24/2015	Metal	Mercury	Total	=	972	ng/L	EPA 245.1	3.9	50			
2015/16-1	ME-VR2	matrix spike dup, rec	9/24/2015	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, rec	9/24/2015	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/24/2015	Metal	Mercury	Total	=	0.7	%	EPA 245.1	-88	-88	0	20	
2015/16-1	MO-HUE	matrix spike	9/24/2015	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			
2015/16-1	MO-HUE	matrix spike dup	9/24/2015	Metal	Mercury	Total	=	995	ng/L	EPA 245.1	3.9	50			
2015/16-1	MO-HUE	matrix spike dup, rec	9/24/2015	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2015/16-1	MO-HUE	matrix spike, rec	9/24/2015	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2015/16-1	MO-HUE	matrix spike, RPD	9/24/2015	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2015/16-1	Lab	method blank	9/25/2015	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	Lab	LCS	9/25/2015	Metal	Nickel	Dissolved	=	50.7	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Nickel	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	Lab	LCS	9/28/2015	Metal	Nickel	Dissolved	=	49.3	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Nickel	Total	=	70.4	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Nickel	Total	=	70.5	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Nickel	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Nickel	Total	=	51.1	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Nickel	Total	=	51.4	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Nickel	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Nickel	Total	DNQ	0.088	µg/L	EPA 200.8	0.045	0.8			IP
2015/16-1	Lab	LCS	9/25/2015	Metal	Nickel	Total	=	50.7	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	Lab	LCS	9/28/2015	Metal	Nickel	Total	=	49.3	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Nickel	Total	=	64	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Nickel	Total	=	62.8	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Nickel	Total	=	57.6	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Nickel	Total	=	57.8	µg/L	EPA 200.8	0.045	0.8			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Nickel	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	Lab	LCS	9/25/2015	Metal	Selenium	Dissolved	=	50.5	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	Lab	LCS	9/28/2015	Metal	Selenium	Dissolved	=	50	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Selenium	Dissolved	=	100	%	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	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Selenium	Total	=	51.2	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Selenium	Total	=	50.7	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Selenium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Selenium	Total	=	48.4	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Selenium	Total	=	48.4	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Selenium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	Lab	LCS	9/25/2015	Metal	Selenium	Total	=	50.5	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	Lab	LCS	9/28/2015	Metal	Selenium	Total	=	50	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Selenium	Total	=	50.9	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Selenium	Total	=	50.5	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Selenium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Selenium	Total	=	52.5	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Selenium	Total	=	52.5	µg/L	EPA 200.8	0.14	0.4			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Selenium	Total	=	0.07	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	Lab	LCS	9/25/2015	Metal	Silver	Dissolved	=	49.2	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	Lab	LCS	9/28/2015	Metal	Silver	Dissolved	=	49.6	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Silver	Total	=	49.8	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Silver	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Silver	Total	=	49.7	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Silver	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	Lab	LCS	9/25/2015	Metal	Silver	Total	=	49.2	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	Lab	LCS	9/28/2015	Metal	Silver	Total	=	49.6	µg/L	EPA 200.8	0.062	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	
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Silver	Total	=	48.4	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Silver	Total	=	47.1	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Silver	Total	=	47.3	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Silver	Total	=	46.2	µg/L	EPA 200.8	0.062	0.2			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	Lab	LCS	9/25/2015	Metal	Thallium	Dissolved	=	51.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Thallium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	Lab	LCS	9/28/2015	Metal	Thallium	Dissolved	=	50.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Thallium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Thallium	Total	=	51.6	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Thallium	Total	=	51.7	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Thallium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Thallium	Total	=	52.4	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Thallium	Total	=	53.1	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	Lab	LCS	9/25/2015	Metal	Thallium	Total	=	51.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	Lab	LCS	9/28/2015	Metal	Thallium	Total	=	50.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Thallium	Total	=	51.9	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Thallium	Total	=	50.4	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Thallium	Total	=	51.7	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Thallium	Total	=	51.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Zinc	Dissolved	DNQ	1.38	µg/L	EPA 200.8	0.94	5			IP
2015/16-1	Lab	LCS	9/25/2015	Metal	Zinc	Dissolved	=	52.8	µg/L	EPA 200.8	0.94	5			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Zinc	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	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	
2015/16-1	Lab	LCS	9/28/2015	Metal	Zinc	Dissolved	=	50.5	µg/L	EPA 200.8	0.94	5			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Zinc	Total	=	287	µg/L	EPA 200.8	0.94	5			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Zinc	Total	=	285	µg/L	EPA 200.8	0.94	5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Zinc	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/28/2015	Metal	Zinc	Total	=	51.2	µg/L	EPA 200.8	0.94	5			
2015/16-1	000NONPJ	matrix spike, rec	9/28/2015	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike dup	9/28/2015	Metal	Zinc	Total	=	52	µg/L	EPA 200.8	0.94	5			
2015/16-1	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-1	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Metal	Zinc	Total	DNQ	1.27	µg/L	EPA 200.8	0.94	5			IP
2015/16-1	Lab	LCS	9/25/2015	Metal	Zinc	Total	=	52.8	µg/L	EPA 200.8	0.94	5			
2015/16-1	Lab	LCS, rec	9/25/2015	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2015/16-1	Lab	method blank	9/28/2015	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-1	Lab	LCS	9/28/2015	Metal	Zinc	Total	=	50.5	µg/L	EPA 200.8	0.94	5			
2015/16-1	Lab	LCS, rec	9/28/2015	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-1	MO-OXN	matrix spike	9/25/2015	Metal	Zinc	Total	=	322	µg/L	EPA 200.8	0.94	5			
2015/16-1	MO-OXN	matrix spike, rec	9/25/2015	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike dup	9/25/2015	Metal	Zinc	Total	=	319	µg/L	EPA 200.8	0.94	5			
2015/16-1	MO-OXN	matrix spike dup, rec	9/25/2015	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-OXN	matrix spike, RPD	9/25/2015	Metal	Zinc	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-1	MO-SIM	matrix spike	9/25/2015	Metal	Zinc	Total	=	138	µg/L	EPA 200.8	0.94	5			
2015/16-1	MO-SIM	matrix spike, rec	9/25/2015	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike dup	9/25/2015	Metal	Zinc	Total	=	139	µg/L	EPA 200.8	0.94	5			
2015/16-1	MO-SIM	matrix spike dup, rec	9/25/2015	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-1	MO-SIM	matrix spike, RPD	9/25/2015	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	9/24/2015	Nutrient	Ammonia as N	n/a	=	1.55	mg/L	EPA 350.1	0.096	0.2			
2015/16-1	000NONPJ	matrix spike dup	9/24/2015	Nutrient	Ammonia as N	n/a	=	1.55	mg/L	EPA 350.1	0.096	0.2			
2015/16-1	000NONPJ	matrix spike dup, rec	9/24/2015	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, rec	9/24/2015	Nutrient	Ammonia as N	n/a	=	92	%	EPA 350.1	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, RPD	9/24/2015	Nutrient	Ammonia as N	n/a	=	0.4	%	EPA 350.1	-88	-88	0	15	
2015/16-1	Lab	LCS	9/21/2015	Nutrient	Ammonia as N	n/a	=	0.246	mg/L	EPA 350.1	0.048	0.1			
2015/16-1	Lab	LCS	9/21/2015	Nutrient	Ammonia as N	n/a	=	0.243	mg/L	EPA 350.1	0.048	0.1			
2015/16-1	Lab	LCS, rec	9/21/2015	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2015/16-1	Lab	LCS, rec	9/21/2015	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2015/16-1	Lab	method blank	9/21/2015	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-1	Lab	method blank	9/21/2015	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-1	Lab	LCS	9/24/2015	Nutrient	Ammonia as N	n/a	=	0.248	mg/L	EPA 350.1	0.048	0.1			
2015/16-1	Lab	LCS, rec	9/24/2015	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2015/16-1	Lab	method blank	9/24/2015	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-1	ME-CC	matrix spike	9/21/2015	Nutrient	Ammonia as N	n/a	=	0.597	mg/L	EPA 350.1	0.048	0.1			
2015/16-1	ME-CC	matrix spike dup	9/21/2015	Nutrient	Ammonia as N	n/a	=	0.6	mg/L	EPA 350.1	0.048	0.1			
2015/16-1	ME-CC	matrix spike dup, rec	9/21/2015	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2015/16-1	ME-CC	matrix spike, rec	9/21/2015	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2015/16-1	ME-CC	matrix spike, RPD	9/21/2015	Nutrient	Ammonia as N	n/a	=	0.5	%	EPA 350.1	-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	
2015/16-1	ME-VR2	matrix spike	9/21/2015	Nutrient	Ammonia as N	n/a	=	0.259	mg/L	EPA 350.1	0.048	0.1			
2015/16-1	ME-VR2	matrix spike dup	9/21/2015	Nutrient	Ammonia as N	n/a	=	0.264	mg/L	EPA 350.1	0.048	0.1			
2015/16-1	ME-VR2	matrix spike dup, rec	9/21/2015	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2015/16-1	ME-VR2	matrix spike, rec	9/21/2015	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2015/16-1	ME-VR2	matrix spike, RPD	9/21/2015	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2015/16-1	000NONPJ	matrix spike	9/17/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	9.82	mg/L	EPA 353.2	0.01	0.1			
2015/16-1	000NONPJ	matrix spike, rec	9/17/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	109	%	EPA 353.2	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike dup	9/17/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	9.56	mg/L	EPA 353.2	0.01	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	9/17/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, RPD	9/17/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	3	%	EPA 353.2	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	2.7	mg/L	EPA 353.2	0.01	0.1			
2015/16-1	000NONPJ	matrix spike, rec	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike dup	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	2.73	mg/L	EPA 353.2	0.01	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, RPD	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	0.9	%	EPA 353.2	-88	-88	0	20	
2015/16-1	Lab	method blank	9/17/2015	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.023	mg/L	EPA 353.2	0.01	0.1			IP
2015/16-1	Lab	LCS	9/17/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.01	0.1			
2015/16-1	Lab	LCS, rec	9/17/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2015/16-1	Lab	method blank	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.033	mg/L	EPA 353.2	0.01	0.1			IP
2015/16-1	Lab	LCS	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.01	0.1			
2015/16-1	Lab	LCS, rec	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	110	%	EPA 353.2	-88	-88	90	110	
2015/16-1	MO-HUE	matrix spike	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	2.14	mg/L	EPA 353.2	0.01	0.1			
2015/16-1	MO-HUE	matrix spike, rec	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2015/16-1	MO-HUE	matrix spike dup	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	2.2	mg/L	EPA 353.2	0.01	0.1			
2015/16-1	MO-HUE	matrix spike dup, rec	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2015/16-1	MO-HUE	matrix spike, RPD	10/1/2015	Nutrient	Nitrate + Nitrite as N	n/a	=	3	%	EPA 353.2	-88	-88	0	20	
2015/16-1	000NONPJ	matrix spike	9/17/2015	Nutrient	Nitrate as N	n/a	=	9.82	mg/L	EPA 353.2	0.041	0.1			
2015/16-1	000NONPJ	matrix spike, rec	9/17/2015	Nutrient	Nitrate as N	n/a	=	109	%	EPA 353.2	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike dup	9/17/2015	Nutrient	Nitrate as N	n/a	=	9.56	mg/L	EPA 353.2	0.041	0.1			
2015/16-1	000NONPJ	matrix spike dup, rec	9/17/2015	Nutrient	Nitrate as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, RPD	9/17/2015	Nutrient	Nitrate as N	n/a	=	3	%	EPA 353.2	-88	-88	0	20	
2015/16-1	Lab	method blank	9/17/2015	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2015/16-1	Lab	LCS	9/17/2015	Nutrient	Nitrate as N	n/a	=	1.02	mg/L	EPA 353.2	0.041	0.1			
2015/16-1	Lab	LCS, rec	9/17/2015	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	0.0672	mg/L	EPA 365.1	0.0014	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	99	%	EPA 365.1	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike dup	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	0.0688	mg/L	EPA 365.1	0.0014	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, RPD	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 365.1	-88	-88	0	20	
2015/16-1	Lab	method blank	10/5/2015	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-1	Lab	LCS	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	0.0498	mg/L	EPA 365.1	0.0014	0.01			
2015/16-1	Lab	LCS, rec	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2015/16-1	MO-HUE	matrix spike	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	0.416	mg/L	EPA 365.1	0.0028	0.02			GB
2015/16-1	MO-HUE	matrix spike, rec	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	88	%	EPA 365.1	-88	-88	90	110	GB
2015/16-1	MO-HUE	matrix spike dup	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	0.428	mg/L	EPA 365.1	0.0028	0.02			
2015/16-1	MO-HUE	matrix spike dup, rec	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2015/16-1	MO-HUE	matrix spike, RPD	10/5/2015	Nutrient	Phosphorus as P	Dissolved	=	3	%	EPA 365.1	-88	-88	0	20	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	000NONPJ	matrix spike	9/29/2015	Nutrient	Phosphorus as P	Total	=	0.0963	mg/L	EPA 365.1	0.0014	0.01			
2015/16-1	000NONPJ	matrix spike, rec	9/29/2015	Nutrient	Phosphorus as P	Total	=	109	%	EPA 365.1	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike dup	9/29/2015	Nutrient	Phosphorus as P	Total	=	0.0958	mg/L	EPA 365.1	0.0014	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	9/29/2015	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	
2015/16-1	000NONPJ	matrix spike, RPD	9/29/2015	Nutrient	Phosphorus as P	Total	=	0.5	%	EPA 365.1	-88	-88	0	20	
2015/16-1	Lab	method blank	9/29/2015	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-1	Lab	LCS	9/29/2015	Nutrient	Phosphorus as P	Total	=	0.0521	mg/L	EPA 365.1	0.0014	0.01			
2015/16-1	Lab	LCS, rec	9/29/2015	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2015/16-1	ME-VR2	matrix spike	9/29/2015	Nutrient	Phosphorus as P	Total	=	0.179	mg/L	EPA 365.1	0.0014	0.01			BBM,GB
2015/16-1	ME-VR2	matrix spike, rec	9/29/2015	Nutrient	Phosphorus as P	Total	=	112	%	EPA 365.1	-88	-88	90	110	BBM,GB
2015/16-1	ME-VR2	matrix spike dup	9/29/2015	Nutrient	Phosphorus as P	Total	=	0.177	mg/L	EPA 365.1	0.0014	0.01			
2015/16-1	ME-VR2	matrix spike dup, rec	9/29/2015	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	
2015/16-1	ME-VR2	matrix spike, RPD	9/29/2015	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	20	
2015/16-1	Lab	LCS	9/23/2015	Nutrient	TKN	n/a	=	0.945	mg/L	EPA 351.2	0.05	0.1			
2015/16-1	Lab	LCS	9/23/2015	Nutrient	TKN	n/a	=	0.906	mg/L	EPA 351.2	0.05	0.1			
2015/16-1	Lab	LCS, rec	9/23/2015	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2015/16-1	Lab	LCS, rec	9/23/2015	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	
2015/16-1	Lab	method blank	9/23/2015	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-1	Lab	method blank	9/23/2015	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-1	ME-VR2	matrix spike	9/23/2015	Nutrient	TKN	n/a	=	1.63	mg/L	EPA 351.2	0.05	0.1			
2015/16-1	ME-VR2	matrix spike dup	9/23/2015	Nutrient	TKN	n/a	=	1.6	mg/L	EPA 351.2	0.05	0.1			GB
2015/16-1	ME-VR2	matrix spike dup, rec	9/23/2015	Nutrient	TKN	n/a	=	89	%	EPA 351.2	-88	-88	90	110	GB
2015/16-1	ME-VR2	matrix spike, rec	9/23/2015	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2015/16-1	ME-VR2	matrix spike, RPD	9/23/2015	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2015/16-1	MO-HUE	matrix spike	9/23/2015	Nutrient	TKN	n/a	=	3.09	mg/L	EPA 351.2	0.05	0.1			
2015/16-1	MO-HUE	matrix spike dup	9/23/2015	Nutrient	TKN	n/a	=	3.09	mg/L	EPA 351.2	0.05	0.1			
2015/16-1	MO-HUE	matrix spike dup, rec	9/23/2015	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2015/16-1	MO-HUE	matrix spike, rec	9/23/2015	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2015/16-1	MO-HUE	matrix spike, RPD	9/23/2015	Nutrient	TKN	n/a	=	0.07	%	EPA 351.2	-88	-88	0	10	
2015/16-1	Lab	method blank	9/25/2015	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	17.7	µg/L	EPA 625	0.55	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	44	142	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	15.6	µg/L	EPA 625	0.55	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	44	142	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	18.3	µg/L	EPA 625	0.55	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	44	142	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	17.1	µg/L	EPA 625	1.1	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	44	142	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	19.6	µg/L	EPA 625	1.1	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	44	142	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	1,2-Dichlorobenzene	n/a	=	17.5	µg/L	EPA 625	0.57	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	1,2-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	32	129	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	1,2-Dichlorobenzene	n/a	=	15.3	µg/L	EPA 625	0.57	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	
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	1,2-Dichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	32	129	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	1,2-Dichlorobenzene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	1,2-Dichlorobenzene	n/a	=	18.3	µg/L	EPA 625	0.57	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	1,2-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	32	129	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	1,2-Dichlorobenzene	n/a	=	16.3	µg/L	EPA 625	1.1	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	1,2-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	32	129	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	1,2-Dichlorobenzene	n/a	=	19.1	µg/L	EPA 625	1.1	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	1,2-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	32	129	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	1,2-Dichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	srgt LCS	9/21/2015	Organic	1,2-Dichloroethane-d4	n/a	=	52.4	µg/L	EPA 624	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/21/2015	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2015/16-1	Lab	srgt LCS dup	9/21/2015	Organic	1,2-Dichloroethane-d4	n/a	=	52.2	µg/L	EPA 624	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/21/2015	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2015/16-1	Lab	srgt method blank	9/21/2015	Organic	1,2-Dichloroethane-d4	n/a	=	47	µg/L	EPA 624	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/21/2015	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624	-88	-88	82	125	
2015/16-1	ME-CC	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	45.2	µg/L	EPA 624	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	90	%	EPA 624	-88	-88	82	125	
2015/16-1	ME-VR2	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	43.3	µg/L	EPA 624	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	87	%	EPA 624	-88	-88	82	125	
2015/16-1	MO-CAM	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-1	MO-FIL	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	52.5	µg/L	EPA 624	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2015/16-1	MO-HUE	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2015/16-1	MO-MPK	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2015/16-1	MO-OXN	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	47.6	µg/L	EPA 624	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624	-88	-88	82	125	
2015/16-1	MO-SIM	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	52.3	µg/L	EPA 624	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2015/16-1	MO-SPA	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	50.9	µg/L	EPA 624	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-1	MO-THO	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	52	µg/L	EPA 624	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2015/16-1	MO-VEN	srgt environ	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/22/2015	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-1	Lab	method blank	9/25/2015	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	method blank	10/1/2015	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	method blank	9/25/2015	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	1,3-Dichlorobenzene	n/a	=	16.8	µg/L	EPA 625	0.53	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	1,3-Dichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	0.1	172	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	1,3-Dichlorobenzene	n/a	=	14.6	µg/L	EPA 625	0.53	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	1,3-Dichlorobenzene	n/a	=	58	%	EPA 625	-88	-88	0.1	172	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	1,3-Dichlorobenzene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	1,3-Dichlorobenzene	n/a	<	0.53	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	
2015/16-1	Lab	LCS	10/1/2015	Organic	1,3-Dichlorobenzene	n/a	=	17.5	µg/L	EPA 625	0.53	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	172	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	1,3-Dichlorobenzene	n/a	=	15.6	µg/L	EPA 625	1.1	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	1,3-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	0.1	172	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	1,3-Dichlorobenzene	n/a	=	18.3	µg/L	EPA 625	1.1	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	1,3-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	0.1	172	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	1,3-Dichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	000NONPJ	srgt matrix spike	10/2/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	8.51	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	000NONPJ	srgt matrix spike, rec	10/2/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1700	%	EPA 525.2m	-88	-88	76	128	GN
2015/16-1	000NONPJ	srgt matrix spike dup	10/2/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.83	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	000NONPJ	srgt matrix spike dup, rec	10/2/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	366	%	EPA 525.2m	-88	-88	76	128	GN
2015/16-1	Lab	srgt method blank	9/25/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/25/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2015/16-1	Lab	srgt LCS	9/25/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/25/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	138	
2015/16-1	Lab	srgt method blank	9/30/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.21	µg/L	EPA 525.2	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/30/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2015/16-1	Lab	srgt LCS	9/30/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.55	µg/L	EPA 525.2	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/30/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	138	
2015/16-1	Lab	srgt LCS dup	9/30/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.98	µg/L	EPA 525.2	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/30/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.491	µg/L	EPA 525.2m	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.5	µg/L	EPA 525.2m	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	Lab	srgt method blank	10/2/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.487	µg/L	EPA 525.2m	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/2/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	Lab	srgt LCS	10/2/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.504	µg/L	EPA 525.2m	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/2/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	ME-CC	srgt environ	9/30/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.83	µg/L	EPA 525.2	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/30/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	137	%	EPA 525.2	-88	-88	73	138	
2015/16-1	ME-CC	srgt environ	10/2/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.46	µg/L	EPA 525.2m	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	10/2/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	ME-VR2	srgt environ	9/25/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/25/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2015/16-1	ME-VR2	srgt environ	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.488	µg/L	EPA 525.2m	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-CAM	srgt environ	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2015/16-1	MO-CAM	srgt environ	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.483	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-FIL	srgt environ	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.81	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	138	
2015/16-1	MO-FIL	srgt environ	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.525	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-HUE	srgt environ	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-HUE	srgt environ	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.48	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-MPK	srgt environ	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2015/16-1	MO-MPK	srgt environ	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.521	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-OXN	srgt environ	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	138	
2015/16-1	MO-OXN	srgt environ	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.496	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-SIM	srgt environ	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.82	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	138	
2015/16-1	MO-SIM	srgt matrix spike	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.472	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-SIM	srgt matrix spike, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-SIM	srgt matrix spike dup	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.464	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-SIM	srgt matrix spike dup, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-SIM	srgt environ	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.45	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-SPA	srgt environ	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.68	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	73	138	
2015/16-1	MO-SPA	srgt environ	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.5	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-THO	srgt matrix spike	9/25/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	21	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-THO	srgt matrix spike, rec	9/25/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	138	
2015/16-1	MO-THO	srgt matrix spike dup	9/25/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	22.5	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-THO	srgt matrix spike dup, rec	9/25/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	73	138	
2015/16-1	MO-THO	srgt environ	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.95	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	119	%	EPA 525.2	-88	-88	73	138	
2015/16-1	MO-THO	srgt environ	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.517	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	MO-VEN	srgt environ	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.58	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/26/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	73	138	
2015/16-1	MO-VEN	srgt environ	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.471	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	10/1/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2015/16-1	Lab	method blank	9/25/2015	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	1,4-Dichlorobenzene	n/a	=	17.5	µg/L	EPA 625	0.55	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	1,4-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	20	124	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	1,4-Dichlorobenzene	n/a	=	15.1	µg/L	EPA 625	0.55	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	1,4-Dichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	20	124	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	1,4-Dichlorobenzene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	1,4-Dichlorobenzene	n/a	=	18.3	µg/L	EPA 625	0.55	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	1,4-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	20	124	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	1,4-Dichlorobenzene	n/a	=	16.6	µg/L	EPA 625	1.1	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	1,4-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	20	124	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	1,4-Dichlorobenzene	n/a	=	19.5	µg/L	EPA 625	1.1	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	1,4-Dichlorobenzene	n/a	=	78	%	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	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	1,4-Dichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	method blank	9/26/2015	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	method blank	10/7/2015	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2015/16-1	Lab	method blank	10/7/2015	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2015/16-1	Lab	srgt method blank	9/25/2015	Organic	2,4,6-Tribromophenol	n/a	=	44.5	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/25/2015	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625	-88	-88	25	102	
2015/16-1	Lab	srgt LCS	9/25/2015	Organic	2,4,6-Tribromophenol	n/a	=	48.3	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/25/2015	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 625	-88	-88	25	102	
2015/16-1	Lab	srgt LCS dup	9/25/2015	Organic	2,4,6-Tribromophenol	n/a	=	43.4	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/25/2015	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 625	-88	-88	25	102	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	44.5	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625	-88	-88	25	102	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	46.5	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625	-88	-88	25	102	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	42.3	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	25	102	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	44.8	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 625	-88	-88	25	102	
2015/16-1	Lab	srgt method blank	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	10	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 8270C	-88	-88	26	117	
2015/16-1	Lab	srgt LCS	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	9.76	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 8270C	-88	-88	26	117	
2015/16-1	Lab	srgt method blank	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	5.72	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 8270C	-88	-88	26	117	
2015/16-1	Lab	srgt LCS	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	8.14	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2015/16-1	Lab	srgt LCS dup	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	8.26	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2015/16-1	ME-CC	srgt environ	9/25/2015	Organic	2,4,6-Tribromophenol	n/a	=	39.8	µg/L	EPA 625	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/25/2015	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2015/16-1	ME-CC	srgt environ	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	8.46	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 8270C	-88	-88	26	117	
2015/16-1	ME-VR2	srgt environ	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	43.8	µg/L	EPA 625	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625	-88	-88	25	102	
2015/16-1	ME-VR2	srgt environ	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	6.44	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-CAM	srgt environ	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	44.2	µg/L	EPA 625	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625	-88	-88	25	102	
2015/16-1	MO-CAM	srgt environ	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	9.38	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-FIL	srgt environ	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	47.8	µg/L	EPA 625	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625	-88	-88	25	102	
2015/16-1	MO-FIL	srgt environ	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	10.2	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	102	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-HUE	srgt environ	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	48.2	µg/L	EPA 625	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625	-88	-88	25	102	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-HUE	srgt environ	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	10.4	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	104	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-MPK	srgt environ	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	45.4	µg/L	EPA 625	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625	-88	-88	25	102	
2015/16-1	MO-MPK	srgt matrix spike	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	9.32	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt matrix spike, rec	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-MPK	srgt matrix spike dup	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	8.25	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt matrix spike dup, rec	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-MPK	srgt environ	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	10.4	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	104	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-OXN	srgt environ	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	48.2	µg/L	EPA 625	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625	-88	-88	25	102	
2015/16-1	MO-OXN	srgt environ	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	10.8	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	108	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-SIM	srgt environ	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	46.8	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 625	-88	-88	25	102	
2015/16-1	MO-SIM	srgt environ	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	11	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	110	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-SPA	srgt environ	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	45.5	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625	-88	-88	25	102	
2015/16-1	MO-SPA	srgt environ	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	9.77	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-THO	srgt environ	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	45.5	µg/L	EPA 625	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625	-88	-88	25	102	
2015/16-1	MO-THO	srgt environ	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	10.4	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	10/8/2015	Organic	2,4,6-Tribromophenol	n/a	=	104	%	EPA 8270C	-88	-88	26	117	
2015/16-1	MO-VEN	srgt environ	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	44.2	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625	-88	-88	25	102	
2015/16-1	MO-VEN	srgt matrix spike	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	44.7	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625	-88	-88	25	102	
2015/16-1	MO-VEN	srgt matrix spike dup	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	51.5	µg/L	EPA 625	-88	-88			GN
2015/16-1	MO-VEN	srgt matrix spike dup, rec	10/1/2015	Organic	2,4,6-Tribromophenol	n/a	=	103	%	EPA 625	-88	-88	25	102	GN
2015/16-1	MO-VEN	srgt environ	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	10.8	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	10/7/2015	Organic	2,4,6-Tribromophenol	n/a	=	108	%	EPA 8270C	-88	-88	26	117	
2015/16-1	Lab	method blank	9/25/2015	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	2,4,6-Trichlorophenol	n/a	=	19	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	2,4,6-Trichlorophenol	n/a	=	76	%	EPA 625	-88	-88	37	144	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	2,4,6-Trichlorophenol	n/a	=	17.2	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	2,4,6-Trichlorophenol	n/a	=	69	%	EPA 625	-88	-88	37	144	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	2,4,6-Trichlorophenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	2,4,6-Trichlorophenol	n/a	=	13.2	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	2,4,6-Trichlorophenol	n/a	=	53	%	EPA 625	-88	-88	37	144	
2015/16-1	Lab	method blank	10/7/2015	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	2,4,6-Trichlorophenol	n/a	=	7.88	µg/L	EPA 8270C	0.3	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2,4,6-Trichlorophenol	n/a	=	79	%	EPA 8270C	-88	-88	30	115	
2015/16-1	Lab	method blank	10/7/2015	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	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	
2015/16-1	Lab	LCS	10/7/2015	Organic	2,4,6-Trichlorophenol	n/a	=	7.55	µg/L	EPA 8270C	0.3	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2,4,6-Trichlorophenol	n/a	=	76	%	EPA 8270C	-88	-88	30	115	
2015/16-1	Lab	LCS dup	10/7/2015	Organic	2,4,6-Trichlorophenol	n/a	=	6.96	µg/L	EPA 8270C	0.3	1			
2015/16-1	Lab	LCS dup, rec	10/7/2015	Organic	2,4,6-Trichlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	30	115	
2015/16-1	Lab	LCS, RPD	10/7/2015	Organic	2,4,6-Trichlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	2,4,6-Trichlorophenol	n/a	=	14	µg/L	EPA 625	0.44	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	2,4,6-Trichlorophenol	n/a	=	56	%	EPA 625	-88	-88	37	144	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	2,4,6-Trichlorophenol	n/a	=	16.5	µg/L	EPA 625	0.44	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	2,4,6-Trichlorophenol	n/a	=	66	%	EPA 625	-88	-88	37	144	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	2,4,6-Trichlorophenol	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	2,4-Dichlorophenol	n/a	=	18.5	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	2,4-Dichlorophenol	n/a	=	74	%	EPA 625	-88	-88	39	135	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	2,4-Dichlorophenol	n/a	=	16.7	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	2,4-Dichlorophenol	n/a	=	67	%	EPA 625	-88	-88	39	135	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	2,4-Dichlorophenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	2,4-Dichlorophenol	n/a	=	19.3	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	2,4-Dichlorophenol	n/a	=	77	%	EPA 625	-88	-88	39	135	
2015/16-1	Lab	method blank	10/7/2015	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	2,4-Dichlorophenol	n/a	=	7.34	µg/L	EPA 8270C	0.51	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2,4-Dichlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	32	105	
2015/16-1	Lab	method blank	10/7/2015	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	2,4-Dichlorophenol	n/a	=	7.5	µg/L	EPA 8270C	0.51	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	32	105	
2015/16-1	Lab	LCS dup	10/7/2015	Organic	2,4-Dichlorophenol	n/a	=	6.87	µg/L	EPA 8270C	0.51	1			
2015/16-1	Lab	LCS dup, rec	10/7/2015	Organic	2,4-Dichlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	32	105	
2015/16-1	Lab	LCS, RPD	10/7/2015	Organic	2,4-Dichlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	2,4-Dichlorophenol	n/a	=	19	µg/L	EPA 625	0.52	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	2,4-Dichlorophenol	n/a	=	76	%	EPA 625	-88	-88	39	135	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	2,4-Dichlorophenol	n/a	=	22.4	µg/L	EPA 625	0.52	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	2,4-Dichlorophenol	n/a	=	89	%	EPA 625	-88	-88	39	135	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	2,4-Dichlorophenol	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	srgt method blank	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-1	Lab	srgt LCS	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-CC	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	srgt matrix spike	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.3	-88	-88			
2015/16-1	ME-VR2	srgt matrix spike, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	srgt matrix spike dup	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.3	-88	-88			
2015/16-1	ME-VR2	srgt matrix spike dup, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.5	µg/L	EPA 515.3	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	125	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	srgt matrix spike	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.6	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-CAM	srgt matrix spike, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	126	%	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	
2015/16-1	MO-CAM	srgt matrix spike dup	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.7	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-CAM	srgt matrix spike dup, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	127	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-FIL	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-HUE	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.1	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-MPK	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.8	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	128	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-OXN	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-SIM	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-SPA	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.6	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	126	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-THO	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.8	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	128	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-VEN	srgt environ	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/18/2015	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-1	Lab	method blank	9/25/2015	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	2,4-Dimethylphenol	n/a	=	13.1	µg/L	EPA 625	0.3	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	2,4-Dimethylphenol	n/a	=	52	%	EPA 625	-88	-88	32	119	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	2,4-Dimethylphenol	n/a	=	10.9	µg/L	EPA 625	0.3	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	2,4-Dimethylphenol	n/a	=	44	%	EPA 625	-88	-88	32	119	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	2,4-Dimethylphenol	n/a	=	19	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	2,4-Dimethylphenol	n/a	=	14.9	µg/L	EPA 625	0.3	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	2,4-Dimethylphenol	n/a	=	60	%	EPA 625	-88	-88	32	119	
2015/16-1	Lab	method blank	10/7/2015	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS	10/7/2015	Organic	2,4-Dimethylphenol	n/a	=	5.74	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2,4-Dimethylphenol	n/a	=	57	%	EPA 8270C	-88	-88	31	97	
2015/16-1	Lab	method blank	10/7/2015	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS	10/7/2015	Organic	2,4-Dimethylphenol	n/a	DNQ	1.51	µg/L	EPA 8270C	1	2			EUM
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2,4-Dimethylphenol	n/a	=	15	%	EPA 8270C	-88	-88	31	97	EUM
2015/16-1	Lab	LCS dup	10/7/2015	Organic	2,4-Dimethylphenol	n/a	=	2.2	µg/L	EPA 8270C	1	2			EUM
2015/16-1	Lab	LCS dup, rec	10/7/2015	Organic	2,4-Dimethylphenol	n/a	=	22	%	EPA 8270C	-88	-88	31	97	EUM
2015/16-1	Lab	LCS, RPD	10/7/2015	Organic	2,4-Dimethylphenol	n/a	=	37	%	EPA 8270C	-88	-88	0	30	IL
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	2,4-Dimethylphenol	n/a	=	19.2	µg/L	EPA 625	0.6	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	2,4-Dimethylphenol	n/a	=	77	%	EPA 625	-88	-88	32	119	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	2,4-Dimethylphenol	n/a	=	22.1	µg/L	EPA 625	0.6	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	2,4-Dimethylphenol	n/a	=	88	%	EPA 625	-88	-88	32	119	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	2,4-Dimethylphenol	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-1	Lab	LCS	9/25/2015	Organic	2,4-Dinitrophenol	n/a	=	23.5	µg/L	EPA 625	1.6	10			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	2,4-Dinitrophenol	n/a	=	94	%	EPA 625	-88	-88	0.1	191	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	2,4-Dinitrophenol	n/a	=	20.2	µg/L	EPA 625	1.6	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	
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	2,4-Dinitrophenol	n/a	=	81	%	EPA 625	-88	-88	0.1	191	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	2,4-Dinitrophenol	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-1	Lab	LCS	10/1/2015	Organic	2,4-Dinitrophenol	n/a	=	23.6	µg/L	EPA 625	1.6	10			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	2,4-Dinitrophenol	n/a	=	94	%	EPA 625	-88	-88	0.1	191	
2015/16-1	Lab	method blank	10/7/2015	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS	10/7/2015	Organic	2,4-Dinitrophenol	n/a	=	8.94	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2,4-Dinitrophenol	n/a	=	89	%	EPA 8270C	-88	-88	7	155	
2015/16-1	Lab	method blank	10/7/2015	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS	10/7/2015	Organic	2,4-Dinitrophenol	n/a	=	6.83	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2,4-Dinitrophenol	n/a	=	68	%	EPA 8270C	-88	-88	7	155	
2015/16-1	Lab	LCS dup	10/7/2015	Organic	2,4-Dinitrophenol	n/a	=	6.28	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS dup, rec	10/7/2015	Organic	2,4-Dinitrophenol	n/a	=	63	%	EPA 8270C	-88	-88	7	155	
2015/16-1	Lab	LCS, RPD	10/7/2015	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	2,4-Dinitrophenol	n/a	=	25.9	µg/L	EPA 625	3.2	20			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	2,4-Dinitrophenol	n/a	=	104	%	EPA 625	-88	-88	0.1	191	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	2,4-Dinitrophenol	n/a	=	30.2	µg/L	EPA 625	3.2	20			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	2,4-Dinitrophenol	n/a	=	121	%	EPA 625	-88	-88	0.1	191	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	2,4-Dinitrophenol	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	2,4-Dinitrotoluene	n/a	=	23	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	2,4-Dinitrotoluene	n/a	=	92	%	EPA 625	-88	-88	39	139	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	2,4-Dinitrotoluene	n/a	=	20.8	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	2,4-Dinitrotoluene	n/a	=	83	%	EPA 625	-88	-88	39	139	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	2,4-Dinitrotoluene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	2,4-Dinitrotoluene	n/a	=	21.9	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	2,4-Dinitrotoluene	n/a	=	88	%	EPA 625	-88	-88	39	139	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	2,4-Dinitrotoluene	n/a	=	20.4	µg/L	EPA 625	0.36	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	2,4-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	39	139	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	2,4-Dinitrotoluene	n/a	=	23.7	µg/L	EPA 625	0.36	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	2,4-Dinitrotoluene	n/a	=	95	%	EPA 625	-88	-88	39	139	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	2,4-Dinitrotoluene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	2,6-Dinitrotoluene	n/a	=	19.8	µg/L	EPA 625	0.27	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	2,6-Dinitrotoluene	n/a	=	79	%	EPA 625	-88	-88	50	158	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	2,6-Dinitrotoluene	n/a	=	17.7	µg/L	EPA 625	0.27	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	2,6-Dinitrotoluene	n/a	=	71	%	EPA 625	-88	-88	50	158	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	2,6-Dinitrotoluene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	2,6-Dinitrotoluene	n/a	=	18.8	µg/L	EPA 625	0.27	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	2,6-Dinitrotoluene	n/a	=	75	%	EPA 625	-88	-88	50	158	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	2,6-Dinitrotoluene	n/a	=	18.1	µg/L	EPA 625	0.54	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	2,6-Dinitrotoluene	n/a	=	72	%	EPA 625	-88	-88	50	158	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	2,6-Dinitrotoluene	n/a	=	20.6	µg/L	EPA 625	0.54	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	2,6-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	50	158	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	2,6-Dinitrotoluene	n/a	=	13	%	EPA 625	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS	9/21/2015	Organic	2-Chloroethyl vinyl ether	n/a	=	50.5	µg/L	EPA 624	0.28	1			
2015/16-1	Lab	LCS, rec	9/21/2015	Organic	2-Chloroethyl vinyl ether	n/a	=	101	%	EPA 624	-88	-88	0.1	305	
2015/16-1	Lab	LCS dup	9/21/2015	Organic	2-Chloroethyl vinyl ether	n/a	=	50.9	µg/L	EPA 624	0.28	1			
2015/16-1	Lab	LCS dup, rec	9/21/2015	Organic	2-Chloroethyl vinyl ether	n/a	=	102	%	EPA 624	-88	-88	0.1	305	
2015/16-1	Lab	LCS, RPD	9/21/2015	Organic	2-Chloroethyl vinyl ether	n/a	=	0.9	%	EPA 624	-88	-88	0	25	
2015/16-1	Lab	method blank	9/21/2015	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2015/16-1	Lab	method blank	9/25/2015	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	2-Chloronaphthalene	n/a	=	19	µg/L	EPA 625	0.45	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625	-88	-88	60	118	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	2-Chloronaphthalene	n/a	=	16.8	µg/L	EPA 625	0.45	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	2-Chloronaphthalene	n/a	=	67	%	EPA 625	-88	-88	60	118	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	2-Chloronaphthalene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	2-Chloronaphthalene	n/a	=	18.9	µg/L	EPA 625	0.45	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	2-Chloronaphthalene	n/a	=	75	%	EPA 625	-88	-88	60	118	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	2-Chloronaphthalene	n/a	=	19	µg/L	EPA 625	0.9	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625	-88	-88	60	118	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	2-Chloronaphthalene	n/a	=	21.8	µg/L	EPA 625	0.9	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	2-Chloronaphthalene	n/a	=	87	%	EPA 625	-88	-88	60	118	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	2-Chloronaphthalene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	2-Chlorophenol	n/a	=	18.5	µg/L	EPA 625	0.28	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625	-88	-88	23	134	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	2-Chlorophenol	n/a	=	16.3	µg/L	EPA 625	0.28	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	2-Chlorophenol	n/a	=	65	%	EPA 625	-88	-88	23	134	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	2-Chlorophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	2-Chlorophenol	n/a	=	19.1	µg/L	EPA 625	0.28	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	2-Chlorophenol	n/a	=	76	%	EPA 625	-88	-88	23	134	
2015/16-1	Lab	method blank	10/7/2015	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	2-Chlorophenol	n/a	=	6.69	µg/L	EPA 8270C	0.65	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2-Chlorophenol	n/a	=	67	%	EPA 8270C	-88	-88	27	90	
2015/16-1	Lab	method blank	10/7/2015	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	2-Chlorophenol	n/a	=	7.49	µg/L	EPA 8270C	0.65	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2-Chlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	27	90	
2015/16-1	Lab	LCS dup	10/7/2015	Organic	2-Chlorophenol	n/a	=	6.63	µg/L	EPA 8270C	0.65	1			
2015/16-1	Lab	LCS dup, rec	10/7/2015	Organic	2-Chlorophenol	n/a	=	66	%	EPA 8270C	-88	-88	27	90	
2015/16-1	Lab	LCS, RPD	10/7/2015	Organic	2-Chlorophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-MPK	matrix spike	10/7/2015	Organic	2-Chlorophenol	n/a	=	7.65	µg/L	EPA 8270C	0.65	1			
2015/16-1	MO-MPK	matrix spike, rec	10/7/2015	Organic	2-Chlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	12	106	
2015/16-1	MO-MPK	matrix spike dup	10/7/2015	Organic	2-Chlorophenol	n/a	=	7	µg/L	EPA 8270C	0.65	1			
2015/16-1	MO-MPK	matrix spike dup, rec	10/7/2015	Organic	2-Chlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	12	106	
2015/16-1	MO-MPK	matrix spike, RPD	10/7/2015	Organic	2-Chlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	2-Chlorophenol	n/a	=	18.6	µg/L	EPA 625	0.56	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625	-88	-88	23	134	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	2-Chlorophenol	n/a	=	21.3	µg/L	EPA 625	0.56	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	2-Chlorophenol	n/a	=	85	%	EPA 625	-88	-88	23	134	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	2-Chlorophenol	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	srgt method blank	9/25/2015	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/25/2015	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625	-88	-88	22	107	
2015/16-1	Lab	srgt LCS	9/25/2015	Organic	2-Fluorobiphenyl	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/25/2015	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	107	
2015/16-1	Lab	srgt LCS dup	9/25/2015	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/25/2015	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2015/16-1	Lab	srgt method blank	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	4.22	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270C	-88	-88	51	139	
2015/16-1	Lab	srgt LCS	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	3.96	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2015/16-1	Lab	srgt LCS dup	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	3.72	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2015/16-1	Lab	srgt method blank	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	3.95	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2015/16-1	Lab	srgt LCS	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	3.84	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	17	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	107	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2015/16-1	ME-CC	srgt environ	9/25/2015	Organic	2-Fluorobiphenyl	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/25/2015	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	107	
2015/16-1	ME-CC	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	3.7	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2015/16-1	ME-VR2	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	2.87	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 8270C	-88	-88	51	139	
2015/16-1	ME-VR2	srgt environ	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	18.1	µg/L	EPA 625	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-CAM	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	4.69	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	94	%	EPA 8270C	-88	-88	51	139	
2015/16-1	MO-CAM	srgt environ	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	20	µg/L	EPA 625	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-FIL	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	4.58	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	92	%	EPA 8270C	-88	-88	51	139	
2015/16-1	MO-FIL	srgt environ	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-HUE	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	4.13	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270C	-88	-88	51	139	
2015/16-1	MO-HUE	srgt environ	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-MPK	srgt matrix spike	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	3.9	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt matrix spike, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-MPK	srgt matrix spike dup	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	3.41	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt matrix spike dup, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2015/16-1	MO-MPK	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	4.46	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 8270C	-88	-88	51	139	
2015/16-1	MO-MPK	srgt environ	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	19.6	µg/L	EPA 625	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-OXN	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	4.89	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	98	%	EPA 8270C	-88	-88	51	139	
2015/16-1	MO-OXN	srgt environ	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	20.7	µg/L	EPA 625	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-SIM	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	4.79	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	96	%	EPA 8270C	-88	-88	51	139	
2015/16-1	MO-SIM	srgt environ	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-SPA	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	4.57	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	91	%	EPA 8270C	-88	-88	51	139	
2015/16-1	MO-SPA	srgt environ	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	21.1	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-THO	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	4.27	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270C	-88	-88	51	139	
2015/16-1	MO-THO	srgt environ	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-VEN	srgt environ	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	4.63	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/26/2015	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 8270C	-88	-88	51	139	
2015/16-1	MO-VEN	srgt environ	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-VEN	srgt matrix spike	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	107	
2015/16-1	MO-VEN	srgt matrix spike dup	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	21.9	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike dup, rec	10/1/2015	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625	-88	-88	22	107	
2015/16-1	Lab	srgt method blank	9/25/2015	Organic	2-Fluorophenol	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/25/2015	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	3	74	
2015/16-1	Lab	srgt LCS	9/25/2015	Organic	2-Fluorophenol	n/a	=	25.7	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/25/2015	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	3	74	
2015/16-1	Lab	srgt LCS dup	9/25/2015	Organic	2-Fluorophenol	n/a	=	21.9	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/25/2015	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	2-Fluorophenol	n/a	=	24.1	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	3	74	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	2-Fluorophenol	n/a	=	27.4	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	3	74	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	2-Fluorophenol	n/a	=	24.3	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	3	74	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	2-Fluorophenol	n/a	=	26.7	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625	-88	-88	3	74	
2015/16-1	Lab	srgt method blank	10/7/2015	Organic	2-Fluorophenol	n/a	=	5.91	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/7/2015	Organic	2-Fluorophenol	n/a	=	59	%	EPA 8270C	-88	-88	11	62	
2015/16-1	Lab	srgt LCS	10/7/2015	Organic	2-Fluorophenol	n/a	=	4.65	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	srgt LCS, rec	10/7/2015	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2015/16-1	Lab	srgt method blank	10/7/2015	Organic	2-Fluorophenol	n/a	=	3.97	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/7/2015	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2015/16-1	Lab	srgt LCS	10/7/2015	Organic	2-Fluorophenol	n/a	=	5.19	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/7/2015	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2015/16-1	Lab	srgt LCS dup	10/7/2015	Organic	2-Fluorophenol	n/a	=	4.49	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	10/7/2015	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2015/16-1	ME-CC	srgt environ	9/25/2015	Organic	2-Fluorophenol	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/25/2015	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	3	74	
2015/16-1	ME-CC	srgt environ	10/8/2015	Organic	2-Fluorophenol	n/a	=	5.95	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	10/8/2015	Organic	2-Fluorophenol	n/a	=	60	%	EPA 8270C	-88	-88	11	62	
2015/16-1	ME-VR2	srgt environ	10/1/2015	Organic	2-Fluorophenol	n/a	=	27.9	µg/L	EPA 625	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	56	%	EPA 625	-88	-88	3	74	
2015/16-1	ME-VR2	srgt environ	10/7/2015	Organic	2-Fluorophenol	n/a	=	5.18	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/7/2015	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2015/16-1	MO-CAM	srgt environ	10/1/2015	Organic	2-Fluorophenol	n/a	=	27.8	µg/L	EPA 625	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	56	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-CAM	srgt environ	10/7/2015	Organic	2-Fluorophenol	n/a	=	6.19	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	10/7/2015	Organic	2-Fluorophenol	n/a	=	62	%	EPA 8270C	-88	-88	11	62	
2015/16-1	MO-FIL	srgt environ	10/1/2015	Organic	2-Fluorophenol	n/a	=	29.9	µg/L	EPA 625	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	60	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-FIL	srgt environ	10/8/2015	Organic	2-Fluorophenol	n/a	=	6.62	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-FIL	srgt environ, rec	10/8/2015	Organic	2-Fluorophenol	n/a	=	66	%	EPA 8270C	-88	-88	11	62	GN
2015/16-1	MO-HUE	srgt environ	10/1/2015	Organic	2-Fluorophenol	n/a	=	25.9	µg/L	EPA 625	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-HUE	srgt environ	10/8/2015	Organic	2-Fluorophenol	n/a	=	6.24	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	10/8/2015	Organic	2-Fluorophenol	n/a	=	62	%	EPA 8270C	-88	-88	11	62	
2015/16-1	MO-MPK	srgt environ	10/1/2015	Organic	2-Fluorophenol	n/a	=	27	µg/L	EPA 625	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-MPK	srgt matrix spike	10/7/2015	Organic	2-Fluorophenol	n/a	=	5.29	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt matrix spike, rec	10/7/2015	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2015/16-1	MO-MPK	srgt matrix spike dup	10/7/2015	Organic	2-Fluorophenol	n/a	=	5.42	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt matrix spike dup, rec	10/7/2015	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270C	-88	-88	11	62	
2015/16-1	MO-MPK	srgt environ	10/8/2015	Organic	2-Fluorophenol	n/a	=	6.1	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	10/8/2015	Organic	2-Fluorophenol	n/a	=	61	%	EPA 8270C	-88	-88	11	62	
2015/16-1	MO-OXN	srgt environ	10/1/2015	Organic	2-Fluorophenol	n/a	=	26.1	µg/L	EPA 625	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-OXN	srgt environ	10/8/2015	Organic	2-Fluorophenol	n/a	=	6.85	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-OXN	srgt environ, rec	10/8/2015	Organic	2-Fluorophenol	n/a	=	68	%	EPA 8270C	-88	-88	11	62	GN
2015/16-1	MO-SIM	srgt environ	10/1/2015	Organic	2-Fluorophenol	n/a	=	29.7	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	59	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-SIM	srgt environ	10/8/2015	Organic	2-Fluorophenol	n/a	=	7.13	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-SIM	srgt environ, rec	10/8/2015	Organic	2-Fluorophenol	n/a	=	71	%	EPA 8270C	-88	-88	11	62	GN
2015/16-1	MO-SPA	srgt environ	10/1/2015	Organic	2-Fluorophenol	n/a	=	30.5	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	61	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-SPA	srgt environ	10/8/2015	Organic	2-Fluorophenol	n/a	=	6.96	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-SPA	srgt environ, rec	10/8/2015	Organic	2-Fluorophenol	n/a	=	70	%	EPA 8270C	-88	-88	11	62	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	
2015/16-1	MO-THO	srgt environ	10/1/2015	Organic	2-Fluorophenol	n/a	=	26.3	µg/L	EPA 625	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-THO	srgt environ	10/8/2015	Organic	2-Fluorophenol	n/a	=	5.54	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	10/8/2015	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270C	-88	-88	11	62	
2015/16-1	MO-VEN	srgt environ	10/1/2015	Organic	2-Fluorophenol	n/a	=	26.4	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-VEN	srgt matrix spike	10/1/2015	Organic	2-Fluorophenol	n/a	=	23.5	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-VEN	srgt matrix spike dup	10/1/2015	Organic	2-Fluorophenol	n/a	=	27.2	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike dup, rec	10/1/2015	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	3	74	
2015/16-1	MO-VEN	srgt environ	10/7/2015	Organic	2-Fluorophenol	n/a	=	6.96	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-VEN	srgt environ, rec	10/7/2015	Organic	2-Fluorophenol	n/a	=	70	%	EPA 8270C	-88	-88	11	62	GN
2015/16-1	Lab	method blank	9/26/2015	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	method blank	9/26/2015	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	method blank	10/7/2015	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2015/16-1	Lab	method blank	10/7/2015	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2015/16-1	Lab	method blank	9/25/2015	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	2-Nitrophenol	n/a	=	19.1	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	2-Nitrophenol	n/a	=	76	%	EPA 625	-88	-88	29	182	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	2-Nitrophenol	n/a	=	17.2	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	2-Nitrophenol	n/a	=	69	%	EPA 625	-88	-88	29	182	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	2-Nitrophenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	2-Nitrophenol	n/a	=	20.1	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	2-Nitrophenol	n/a	=	80	%	EPA 625	-88	-88	29	182	
2015/16-1	Lab	method blank	10/7/2015	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	2-Nitrophenol	n/a	=	6.83	µg/L	EPA 8270C	0.71	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2-Nitrophenol	n/a	=	68	%	EPA 8270C	-88	-88	33	103	
2015/16-1	Lab	method blank	10/7/2015	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	2-Nitrophenol	n/a	=	7.56	µg/L	EPA 8270C	0.71	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	2-Nitrophenol	n/a	=	76	%	EPA 8270C	-88	-88	33	103	
2015/16-1	Lab	LCS dup	10/7/2015	Organic	2-Nitrophenol	n/a	=	6.64	µg/L	EPA 8270C	0.71	1			
2015/16-1	Lab	LCS dup, rec	10/7/2015	Organic	2-Nitrophenol	n/a	=	66	%	EPA 8270C	-88	-88	33	103	
2015/16-1	Lab	LCS, RPD	10/7/2015	Organic	2-Nitrophenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	2-Nitrophenol	n/a	=	19.1	µg/L	EPA 625	0.52	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	2-Nitrophenol	n/a	=	76	%	EPA 625	-88	-88	29	182	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	2-Nitrophenol	n/a	=	22.2	µg/L	EPA 625	0.52	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	2-Nitrophenol	n/a	=	89	%	EPA 625	-88	-88	29	182	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	2-Nitrophenol	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-1	Lab	LCS	9/25/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	24	µg/L	EPA 625	1.2	5			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	96	%	EPA 625	-88	-88	0.1	262	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	22.3	µg/L	EPA 625	1.2	5			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	89	%	EPA 625	-88	-88	0.1	262	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-1	Lab	LCS	10/1/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	22.3	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	
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	89	%	EPA 625	-88	-88	0.1	262	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	3,3'-Dichlorobenzidine	n/a	<	2.4	µg/L	EPA 625	2.4	10			GB
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	3,3'-Dichlorobenzidine	n/a	<	2.4	µg/L	EPA 625	2.4	10			GB
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/7/2015	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-1	Lab	method blank	10/7/2015	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-1	Lab	method blank	9/25/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-1	Lab	LCS	9/25/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.3	µg/L	EPA 625	1.7	5			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 625	-88	-88	0.1	181	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.6	µg/L	EPA 625	1.7	5			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	82	%	EPA 625	-88	-88	0.1	181	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-1	Lab	LCS	10/1/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.5	µg/L	EPA 625	1.7	5			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	94	%	EPA 625	-88	-88	0.1	181	
2015/16-1	Lab	method blank	10/7/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.67	µg/L	EPA 8270C	0.14	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	97	%	EPA 8270C	-88	-88	33	118	
2015/16-1	Lab	method blank	10/7/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.7	µg/L	EPA 8270C	0.14	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	77	%	EPA 8270C	-88	-88	33	118	
2015/16-1	Lab	LCS dup	10/7/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.89	µg/L	EPA 8270C	0.14	1			
2015/16-1	Lab	LCS dup, rec	10/7/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	79	%	EPA 8270C	-88	-88	33	118	
2015/16-1	Lab	LCS, RPD	10/7/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.4	µg/L	EPA 625	3.4	10			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	90	%	EPA 625	-88	-88	0.1	181	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	25.7	µg/L	EPA 625	3.4	10			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	103	%	EPA 625	-88	-88	0.1	181	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	srgt LCS	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-1	Lab	srgt LCS dup	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-1	Lab	srgt method blank	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	53	µg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 8015B	-88	-88	72	124	
2015/16-1	Lab	srgt LCS	9/18/2015	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/18/2015	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2015/16-1	Lab	srgt LCS dup	9/18/2015	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/18/2015	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015B	-88	-88	72	124	
2015/16-1	Lab	srgt method blank	9/18/2015	Organic	4-Bromofluorobenzene	n/a	=	53	µg/L	EPA 8015B	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/18/2015	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 8015B	-88	-88	72	124	
2015/16-1	Lab	srgt LCS	9/21/2015	Organic	4-Bromofluorobenzene	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/21/2015	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2015/16-1	Lab	srgt LCS dup	9/21/2015	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/21/2015	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	srgt method blank	9/21/2015	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 624	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/21/2015	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2015/16-1	ME-CC	srgt environ	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 8015B	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8015B	-88	-88	72	124	
2015/16-1	ME-CC	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-1	ME-VR2	srgt environ	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 8015B	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8015B	-88	-88	72	124	
2015/16-1	ME-VR2	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	46.6	µg/L	EPA 624	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624	-88	-88	88	108	
2015/16-1	MO-CAM	srgt environ	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2015/16-1	MO-CAM	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-1	MO-FIL	srgt environ	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	52	µg/L	EPA 8015B	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 8015B	-88	-88	72	124	
2015/16-1	MO-FIL	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-1	MO-HUE	srgt environ	9/18/2015	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015B	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/18/2015	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015B	-88	-88	72	124	
2015/16-1	MO-HUE	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-1	MO-MPK	srgt environ	9/17/2015	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/17/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-1	MO-MPK	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-1	MO-OXN	srgt environ	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2015/16-1	MO-OXN	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2015/16-1	MO-SIM	srgt environ	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2015/16-1	MO-SIM	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-1	MO-SPA	srgt environ	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-1	MO-SPA	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-1	MO-THO	srgt environ	9/17/2015	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/17/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-1	MO-THO	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-1	MO-VEN	srgt environ	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/16/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-1	MO-VEN	srgt environ	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/22/2015	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-1	Lab	method blank	9/25/2015	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS	9/25/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	19.6	µg/L	EPA 625	0.36	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	78	%	EPA 625	-88	-88	53	127	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	17.6	µg/L	EPA 625	0.36	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	53	127	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	18.3	µg/L	EPA 625	0.36	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	73	%	EPA 625	-88	-88	53	127	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	17.6	µg/L	EPA 625	0.72	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	53	127	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	20.6	µg/L	EPA 625	0.72	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	53	127	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	4-Chloro-3-methylphenol	n/a	=	18.4	µg/L	EPA 625	0.23	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	4-Chloro-3-methylphenol	n/a	=	74	%	EPA 625	-88	-88	22	147	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	4-Chloro-3-methylphenol	n/a	=	16.6	µg/L	EPA 625	0.23	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	4-Chloro-3-methylphenol	n/a	=	66	%	EPA 625	-88	-88	22	147	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	4-Chloro-3-methylphenol	n/a	=	18.6	µg/L	EPA 625	0.23	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	4-Chloro-3-methylphenol	n/a	=	74	%	EPA 625	-88	-88	22	147	
2015/16-1	Lab	method blank	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	7.62	µg/L	EPA 8270C	0.37	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	76	%	EPA 8270C	-88	-88	29	108	
2015/16-1	Lab	method blank	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	6.59	µg/L	EPA 8270C	0.37	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	66	%	EPA 8270C	-88	-88	29	108	
2015/16-1	Lab	LCS dup	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	6.37	µg/L	EPA 8270C	0.37	1			
2015/16-1	Lab	LCS dup, rec	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	64	%	EPA 8270C	-88	-88	29	108	
2015/16-1	Lab	LCS, RPD	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-MPK	matrix spike	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	10.1	µg/L	EPA 8270C	0.37	1			
2015/16-1	MO-MPK	matrix spike, rec	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	96	%	EPA 8270C	-88	-88	9	127	
2015/16-1	MO-MPK	matrix spike dup	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	9.43	µg/L	EPA 8270C	0.37	1			
2015/16-1	MO-MPK	matrix spike dup, rec	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	94	%	EPA 8270C	-88	-88	9	127	
2015/16-1	MO-MPK	matrix spike, RPD	10/7/2015	Organic	4-Chloro-3-methylphenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	4-Chloro-3-methylphenol	n/a	=	18.1	µg/L	EPA 625	0.46	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	4-Chloro-3-methylphenol	n/a	=	72	%	EPA 625	-88	-88	22	147	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	4-Chloro-3-methylphenol	n/a	=	20.6	µg/L	EPA 625	0.46	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	4-Chloro-3-methylphenol	n/a	=	83	%	EPA 625	-88	-88	22	147	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	4-Chloro-3-methylphenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	22.5	µg/L	EPA 625	0.41	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	90	%	EPA 625	-88	-88	25	158	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	20	µg/L	EPA 625	0.41	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	25	158	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	4-Chlorophenyl phenyl ether	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	
2015/16-1	Lab	method blank	10/1/2015	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	21	µg/L	EPA 625	0.41	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	84	%	EPA 625	-88	-88	25	158	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.9	µg/L	EPA 625	0.82	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	25	158	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	23.6	µg/L	EPA 625	0.82	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	94	%	EPA 625	-88	-88	25	158	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-1	Lab	LCS	9/25/2015	Organic	4-Nitrophenol	n/a	=	10.2	µg/L	EPA 625	0.45	5			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	4-Nitrophenol	n/a	=	41	%	EPA 625	-88	-88	0.1	132	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	4-Nitrophenol	n/a	=	8.73	µg/L	EPA 625	0.45	5			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625	-88	-88	0.1	132	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	4-Nitrophenol	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-1	Lab	LCS	10/1/2015	Organic	4-Nitrophenol	n/a	=	8.75	µg/L	EPA 625	0.45	5			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625	-88	-88	0.1	132	
2015/16-1	Lab	method blank	10/7/2015	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS	10/7/2015	Organic	4-Nitrophenol	n/a	=	4.73	µg/L	EPA 8270C	1	2			EUM
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	4-Nitrophenol	n/a	=	47	%	EPA 8270C	-88	-88	6	46	EUM
2015/16-1	Lab	method blank	10/7/2015	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS	10/7/2015	Organic	4-Nitrophenol	n/a	=	4.36	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	4-Nitrophenol	n/a	=	44	%	EPA 8270C	-88	-88	6	46	
2015/16-1	Lab	LCS dup	10/7/2015	Organic	4-Nitrophenol	n/a	=	3.66	µg/L	EPA 8270C	1	2			
2015/16-1	Lab	LCS dup, rec	10/7/2015	Organic	4-Nitrophenol	n/a	=	37	%	EPA 8270C	-88	-88	6	46	
2015/16-1	Lab	LCS, RPD	10/7/2015	Organic	4-Nitrophenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-MPK	matrix spike	10/7/2015	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			GB
2015/16-1	MO-MPK	matrix spike, rec	10/7/2015	Organic	4-Nitrophenol	n/a	=	0	%	EPA 8270C	-88	-88	0.1	77	GB
2015/16-1	MO-MPK	matrix spike dup	10/7/2015	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			GB
2015/16-1	MO-MPK	matrix spike dup, rec	10/7/2015	Organic	4-Nitrophenol	n/a	=	0	%	EPA 8270C	-88	-88	0.1	77	GB
2015/16-1	MO-MPK	matrix spike, RPD	10/7/2015	Organic	4-Nitrophenol	n/a	=	0	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	4-Nitrophenol	n/a	=	13.5	µg/L	EPA 625	0.9	10			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	4-Nitrophenol	n/a	=	54	%	EPA 625	-88	-88	0.1	132	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	4-Nitrophenol	n/a	=	13.4	µg/L	EPA 625	0.9	10			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	4-Nitrophenol	n/a	=	53	%	EPA 625	-88	-88	0.1	132	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	4-Nitrophenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Acenaphthene	n/a	=	22.8	µg/L	EPA 625	0.38	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Acenaphthene	n/a	=	91	%	EPA 625	-88	-88	47	145	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Acenaphthene	n/a	=	20.3	µg/L	EPA 625	0.38	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Acenaphthene	n/a	=	81	%	EPA 625	-88	-88	47	145	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Acenaphthene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Acenaphthene	n/a	=	9.95	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Acenaphthene	n/a	=	100	%	EPA 8270C	-88	-88	11	122	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Acenaphthene	n/a	=	9.25	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Acenaphthene	n/a	=	93	%	EPA 8270C	-88	-88	11	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	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Acenaphthene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Acenaphthene	n/a	=	9.3	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Acenaphthene	n/a	=	93	%	EPA 8270C	-88	-88	11	122	
2015/16-1	Lab	method blank	10/1/2015	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Acenaphthene	n/a	=	22.4	µg/L	EPA 625	0.38	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Acenaphthene	n/a	=	90	%	EPA 625	-88	-88	47	145	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Acenaphthene	n/a	=	9.09	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Acenaphthene	n/a	=	86	%	EPA 8270C	-88	-88	16	116	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Acenaphthene	n/a	=	7.57	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Acenaphthene	n/a	=	76	%	EPA 8270C	-88	-88	16	116	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Acenaphthene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Acenaphthene	n/a	=	21.4	µg/L	EPA 625	0.76	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Acenaphthene	n/a	=	86	%	EPA 625	-88	-88	47	145	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Acenaphthene	n/a	=	25	µg/L	EPA 625	0.76	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Acenaphthene	n/a	=	100	%	EPA 625	-88	-88	47	145	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Acenaphthene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Acenaphthylene	n/a	=	20.5	µg/L	EPA 625	0.4	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Acenaphthylene	n/a	=	82	%	EPA 625	-88	-88	33	145	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Acenaphthylene	n/a	=	18	µg/L	EPA 625	0.4	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Acenaphthylene	n/a	=	72	%	EPA 625	-88	-88	33	145	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Acenaphthylene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Acenaphthylene	n/a	=	7.61	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Acenaphthylene	n/a	=	76	%	EPA 8270C	-88	-88	4	135	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Acenaphthylene	n/a	=	7.24	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Acenaphthylene	n/a	=	72	%	EPA 8270C	-88	-88	4	135	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Acenaphthylene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Acenaphthylene	n/a	=	7.54	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Acenaphthylene	n/a	=	75	%	EPA 8270C	-88	-88	4	135	
2015/16-1	Lab	method blank	10/1/2015	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Acenaphthylene	n/a	=	20.2	µg/L	EPA 625	0.4	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Acenaphthylene	n/a	=	81	%	EPA 625	-88	-88	33	145	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Acenaphthylene	n/a	=	7.78	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Acenaphthylene	n/a	=	74	%	EPA 8270C	-88	-88	23	106	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Acenaphthylene	n/a	=	6.5	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Acenaphthylene	n/a	=	65	%	EPA 8270C	-88	-88	23	106	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Acenaphthylene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Acenaphthylene	n/a	=	18.7	µg/L	EPA 625	0.8	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Acenaphthylene	n/a	=	75	%	EPA 625	-88	-88	33	145	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Acenaphthylene	n/a	=	21.6	µg/L	EPA 625	0.8	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Acenaphthylene	n/a	=	86	%	EPA 625	-88	-88	33	145	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Acenaphthylene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Anthracene	n/a	=	24	µg/L	EPA 625	0.34	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Anthracene	n/a	=	96	%	EPA 625	-88	-88	27	133	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Anthracene	n/a	=	21.8	µg/L	EPA 625	0.34	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Anthracene	n/a	=	87	%	EPA 625	-88	-88	27	133	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Anthracene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Anthracene	n/a	=	8.25	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Anthracene	n/a	=	82	%	EPA 8270C	-88	-88	22	127	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Anthracene	n/a	=	9.11	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Anthracene	n/a	=	91	%	EPA 8270C	-88	-88	22	127	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Anthracene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Anthracene	n/a	=	9.34	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Anthracene	n/a	=	93	%	EPA 8270C	-88	-88	22	127	
2015/16-1	Lab	method blank	10/1/2015	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Anthracene	n/a	=	23.4	µg/L	EPA 625	0.34	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Anthracene	n/a	=	93	%	EPA 625	-88	-88	27	133	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Anthracene	n/a	=	7.91	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Anthracene	n/a	=	75	%	EPA 8270C	-88	-88	5	147	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Anthracene	n/a	=	6.62	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Anthracene	n/a	=	66	%	EPA 8270C	-88	-88	5	147	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Anthracene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Anthracene	n/a	=	20.4	µg/L	EPA 625	0.68	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Anthracene	n/a	=	82	%	EPA 625	-88	-88	27	133	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Anthracene	n/a	=	24.1	µg/L	EPA 625	0.68	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Anthracene	n/a	=	96	%	EPA 625	-88	-88	27	133	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Anthracene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Benz(a)anthracene	n/a	=	22.5	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Benz(a)anthracene	n/a	=	90	%	EPA 625	-88	-88	33	143	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Benz(a)anthracene	n/a	=	20.3	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Benz(a)anthracene	n/a	=	81	%	EPA 625	-88	-88	33	143	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Benz(a)anthracene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Benz(a)anthracene	n/a	=	6.09	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Benz(a)anthracene	n/a	=	61	%	EPA 8270C	-88	-88	17	131	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Benz(a)anthracene	n/a	=	6.89	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Benz(a)anthracene	n/a	=	69	%	EPA 8270C	-88	-88	17	131	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Benz(a)anthracene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Benz(a)anthracene	n/a	=	8.06	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Benz(a)anthracene	n/a	=	81	%	EPA 8270C	-88	-88	17	131	
2015/16-1	Lab	method blank	10/1/2015	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Benz(a)anthracene	n/a	=	23	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Benz(a)anthracene	n/a	=	92	%	EPA 625	-88	-88	33	143	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Benz(a)anthracene	n/a	=	6.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Benz(a)anthracene	n/a	=	58	%	EPA 8270C	-88	-88	1	140	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Benz(a)anthracene	n/a	=	5.48	µg/L	EPA 8270C	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	
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Benz(a)anthracene	n/a	=	55	%	EPA 8270C	-88	-88	1	140	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Benz(a)anthracene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Benz(a)anthracene	n/a	=	13.7	µg/L	EPA 625	0.38	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Benz(a)anthracene	n/a	=	55	%	EPA 625	-88	-88	33	143	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Benz(a)anthracene	n/a	=	16.4	µg/L	EPA 625	0.38	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Benz(a)anthracene	n/a	=	66	%	EPA 625	-88	-88	33	143	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Benz(a)anthracene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Benididine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2015/16-1	Lab	method blank	10/1/2015	Organic	Benididine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2015/16-1	Lab	method blank	9/25/2015	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	20.4	µg/L	EPA 625	0.13	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	82	%	EPA 625	-88	-88	17	163	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	20	µg/L	EPA 625	0.13	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	80	%	EPA 625	-88	-88	17	163	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	5.27	µg/L	EPA 525.2	0.07	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 525.2	-88	-88	40	147	
2015/16-1	Lab	method blank	9/26/2015	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	7.42	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	74	%	EPA 8270C	-88	-88	12	131	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	7.58	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	76	%	EPA 8270C	-88	-88	12	131	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	8.59	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	86	%	EPA 8270C	-88	-88	12	131	
2015/16-1	Lab	method blank	9/30/2015	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-1	Lab	LCS	9/30/2015	Organic	Benzo(a)pyrene	n/a	=	6.28	µg/L	EPA 525.2	0.07	0.1			
2015/16-1	Lab	LCS, rec	9/30/2015	Organic	Benzo(a)pyrene	n/a	=	126	%	EPA 525.2	-88	-88	40	147	
2015/16-1	Lab	LCS dup	9/30/2015	Organic	Benzo(a)pyrene	n/a	=	6.39	µg/L	EPA 525.2	0.07	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Organic	Benzo(a)pyrene	n/a	=	128	%	EPA 525.2	-88	-88	40	147	
2015/16-1	Lab	LCS, RPD	9/30/2015	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Benzo(a)pyrene	n/a	=	21.9	µg/L	EPA 625	0.13	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 625	-88	-88	17	163	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	4.31	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	41	%	EPA 8270C	-88	-88	20	109	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	3.19	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	32	%	EPA 8270C	-88	-88	20	109	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Benzo(a)pyrene	n/a	=	30	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	12	µg/L	EPA 525.2	0.28	0.4			
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	60	%	EPA 525.2	-88	-88	12	148	
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	12	µg/L	EPA 525.2	0.28	0.4			
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	60	%	EPA 525.2	-88	-88	12	148	
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Organic	Benzo(a)pyrene	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Benzo(a)pyrene	n/a	=	9.44	µg/L	EPA 625	0.26	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	
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Benzo(a)pyrene	n/a	=	38	%	EPA 625	-88	-88	17	163	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Benzo(a)pyrene	n/a	=	11.6	µg/L	EPA 625	0.26	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Benzo(a)pyrene	n/a	=	47	%	EPA 625	-88	-88	17	163	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Benzo(a)pyrene	n/a	=	21	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Benzo(b)fluoranthene	n/a	=	20.3	µg/L	EPA 625	0.14	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Benzo(b)fluoranthene	n/a	=	81	%	EPA 625	-88	-88	24	159	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Benzo(b)fluoranthene	n/a	=	20.1	µg/L	EPA 625	0.14	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Benzo(b)fluoranthene	n/a	=	80	%	EPA 625	-88	-88	24	159	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	7.71	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	77	%	EPA 8270C	-88	-88	19	129	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	7.97	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	80	%	EPA 8270C	-88	-88	19	129	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	8.78	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	88	%	EPA 8270C	-88	-88	19	129	
2015/16-1	Lab	method blank	10/1/2015	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Benzo(b)fluoranthene	n/a	=	24.6	µg/L	EPA 625	0.14	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Benzo(b)fluoranthene	n/a	=	98	%	EPA 625	-88	-88	24	159	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	5.34	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	51	%	EPA 8270C	-88	-88	19	119	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	4.21	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	42	%	EPA 8270C	-88	-88	19	119	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Benzo(b)fluoranthene	n/a	=	24	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Benzo(b)fluoranthene	n/a	=	12.6	µg/L	EPA 625	0.28	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Benzo(b)fluoranthene	n/a	=	50	%	EPA 625	-88	-88	24	159	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Benzo(b)fluoranthene	n/a	=	12.4	µg/L	EPA 625	0.28	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Benzo(b)fluoranthene	n/a	=	50	%	EPA 625	-88	-88	24	159	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-1	Lab	LCS	9/25/2015	Organic	Benzo(g,h,i)perylene	n/a	=	21.9	µg/L	EPA 625	0.1	2			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Benzo(g,h,i)perylene	n/a	=	87	%	EPA 625	-88	-88	0.1	219	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Benzo(g,h,i)perylene	n/a	=	21.5	µg/L	EPA 625	0.1	2			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Benzo(g,h,i)perylene	n/a	=	86	%	EPA 625	-88	-88	0.1	219	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	10	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	100	%	EPA 8270C	-88	-88	14	139	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	10.9	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	109	%	EPA 8270C	-88	-88	14	139	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	10	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	100	%	EPA 8270C	-88	-88	14	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	
2015/16-1	Lab	method blank	10/1/2015	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-1	Lab	LCS	10/1/2015	Organic	Benzo(g,h,i)perylene	n/a	=	21.8	µg/L	EPA 625	0.1	2			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Benzo(g,h,i)perylene	n/a	=	87	%	EPA 625	-88	-88	0.1	219	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	4.77	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	45	%	EPA 8270C	-88	-88	24	117	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	3.95	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	40	%	EPA 8270C	-88	-88	24	117	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Benzo(g,h,i)perylene	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Benzo(g,h,i)perylene	n/a	=	23.2	µg/L	EPA 625	0.2	4			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Benzo(g,h,i)perylene	n/a	=	93	%	EPA 625	-88	-88	0.1	219	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Benzo(g,h,i)perylene	n/a	=	28.8	µg/L	EPA 625	0.2	4			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Benzo(g,h,i)perylene	n/a	=	115	%	EPA 625	-88	-88	0.1	219	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Benzo(g,h,i)perylene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Benzo(k)fluoranthene	n/a	=	22.9	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 625	-88	-88	11	162	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Benzo(k)fluoranthene	n/a	=	21.1	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Benzo(k)fluoranthene	n/a	=	85	%	EPA 625	-88	-88	11	162	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	8.56	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	86	%	EPA 8270C	-88	-88	22	127	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	9.02	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	22	127	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	8.86	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	89	%	EPA 8270C	-88	-88	22	127	
2015/16-1	Lab	method blank	10/1/2015	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Benzo(k)fluoranthene	n/a	=	21.3	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Benzo(k)fluoranthene	n/a	=	85	%	EPA 625	-88	-88	11	162	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	5.06	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	48	%	EPA 8270C	-88	-88	17	123	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	3.65	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	37	%	EPA 8270C	-88	-88	17	123	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Benzo(k)fluoranthene	n/a	=	32	%	EPA 8270C	-88	-88	0	30	IL
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Benzo(k)fluoranthene	n/a	=	8.76	µg/L	EPA 625	0.44	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Benzo(k)fluoranthene	n/a	=	35	%	EPA 625	-88	-88	11	162	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Benzo(k)fluoranthene	n/a	=	15.1	µg/L	EPA 625	0.44	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Benzo(k)fluoranthene	n/a	=	60	%	EPA 625	-88	-88	11	162	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Benzo(k)fluoranthene	n/a	=	53	%	EPA 625	-88	-88	0	30	IL
2015/16-1	Lab	method blank	9/25/2015	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	18.5	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	74	%	EPA 625	-88	-88	33	184	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.7	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	67	%	EPA 625	-88	-88	33	184	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	10	%	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	
2015/16-1	Lab	method blank	10/1/2015	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.8	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	79	%	EPA 625	-88	-88	33	184	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	18.6	µg/L	EPA 625	0.5	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	75	%	EPA 625	-88	-88	33	184	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	21.1	µg/L	EPA 625	0.5	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	85	%	EPA 625	-88	-88	33	184	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	17.6	µg/L	EPA 625	0.27	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625	-88	-88	12	158	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	15.6	µg/L	EPA 625	0.27	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	62	%	EPA 625	-88	-88	12	158	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	18.8	µg/L	EPA 625	0.27	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	75	%	EPA 625	-88	-88	12	158	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	17.1	µg/L	EPA 625	0.54	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625	-88	-88	12	158	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	19.7	µg/L	EPA 625	0.54	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	79	%	EPA 625	-88	-88	12	158	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	21.7	µg/L	EPA 625	0.38	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	87	%	EPA 625	-88	-88	36	166	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.8	µg/L	EPA 625	0.38	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625	-88	-88	36	166	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	25.4	µg/L	EPA 625	0.38	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	102	%	EPA 625	-88	-88	36	166	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.2	µg/L	EPA 625	0.76	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	81	%	EPA 625	-88	-88	36	166	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	23.7	µg/L	EPA 625	0.76	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	95	%	EPA 625	-88	-88	36	166	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-1	Lab	LCS	9/25/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.28	µg/L	EPA 525.2	0.1	5			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	126	%	EPA 525.2	-88	-88	71	158	
2015/16-1	Lab	method blank	9/30/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-1	Lab	LCS	9/30/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.9	µg/L	EPA 525.2	0.1	5			
2015/16-1	Lab	LCS, rec	9/30/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	138	%	EPA 525.2	-88	-88	71	158	
2015/16-1	Lab	LCS dup	9/30/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.8	µg/L	EPA 525.2	0.1	5			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	136	%	EPA 525.2	-88	-88	71	158	
2015/16-1	Lab	LCS, RPD	9/30/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	8.2	µg/L	EPA 525.2	0.42	20			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	41	%	EPA 525.2	-88	-88	84	158	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	
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	9.16	µg/L	EPA 525.2	0.42	20			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	46	%	EPA 525.2	-88	-88	84	158	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-1	Lab	LCS	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23	µg/L	EPA 625	2.3	5			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	92	%	EPA 625	-88	-88	8	158	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.1	µg/L	EPA 625	2.3	5			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	80	%	EPA 625	-88	-88	8	158	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-1	Lab	LCS	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.25	µg/L	EPA 525.2	1.1	3			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	125	%	EPA 525.2	-88	-88	68	154	
2015/16-1	Lab	method blank	9/30/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-1	Lab	LCS	9/30/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.74	µg/L	EPA 525.2	1.1	3			EUM
2015/16-1	Lab	LCS, rec	9/30/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	155	%	EPA 525.2	-88	-88	68	154	EUM
2015/16-1	Lab	LCS dup	9/30/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.49	µg/L	EPA 525.2	1.1	3			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	150	%	EPA 525.2	-88	-88	68	154	
2015/16-1	Lab	LCS, RPD	9/30/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-1	Lab	LCS	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.9	µg/L	EPA 625	2.3	5			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	96	%	EPA 625	-88	-88	8	158	
2015/16-1	Lab	method blank	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-1	Lab	LCS	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	24	µg/L	EPA 625	2.3	5			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	96	%	EPA 625	-88	-88	8	158	
2015/16-1	MO-THO	matrix spike	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	10.5	µg/L	EPA 525.2	4.2	12			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	52	%	EPA 525.2	-88	-88	74	152	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	11.8	µg/L	EPA 525.2	4.2	12			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	59	%	EPA 525.2	-88	-88	74	152	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.6	µg/L	EPA 625	4.6	10			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	94	%	EPA 625	-88	-88	8	158	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	24.8	µg/L	EPA 625	4.6	10			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	99	%	EPA 625	-88	-88	8	158	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Butyl benzyl phthalate	n/a	DNQ	0.33	µg/L	EPA 625	0.18	1			IP
2015/16-1	Lab	LCS	9/25/2015	Organic	Butyl benzyl phthalate	n/a	=	22.4	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Butyl benzyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	152	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Butyl benzyl phthalate	n/a	=	20	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Butyl benzyl phthalate	n/a	=	80	%	EPA 625	-88	-88	0.1	152	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Butyl benzyl phthalate	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Butyl benzyl phthalate	n/a	DNQ	0.25	µg/L	EPA 625	0.18	1			IP
2015/16-1	Lab	LCS	10/1/2015	Organic	Butyl benzyl phthalate	n/a	=	23.1	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Butyl benzyl phthalate	n/a	=	92	%	EPA 625	-88	-88	0.1	152	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Butyl benzyl phthalate	n/a	=	19	µg/L	EPA 625	0.36	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Butyl benzyl phthalate	n/a	=	74	%	EPA 625	-88	-88	0.1	152	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Butyl benzyl phthalate	n/a	=	21.7	µg/L	EPA 625	0.36	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Butyl benzyl phthalate	n/a	=	85	%	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	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Butyl benzyl phthalate	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Chrysene	n/a	=	22.6	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Chrysene	n/a	=	91	%	EPA 625	-88	-88	17	168	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Chrysene	n/a	=	21.5	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Chrysene	n/a	=	86	%	EPA 625	-88	-88	17	168	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Chrysene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Chrysene	n/a	=	8.28	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Chrysene	n/a	=	83	%	EPA 8270C	-88	-88	32	126	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Chrysene	n/a	=	9.15	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Chrysene	n/a	=	91	%	EPA 8270C	-88	-88	32	126	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Chrysene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Chrysene	n/a	=	8.84	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Chrysene	n/a	=	88	%	EPA 8270C	-88	-88	32	126	
2015/16-1	Lab	method blank	10/1/2015	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Chrysene	n/a	=	22.6	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Chrysene	n/a	=	90	%	EPA 625	-88	-88	17	168	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Chrysene	n/a	=	7.82	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Chrysene	n/a	=	74	%	EPA 8270C	-88	-88	11	151	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Chrysene	n/a	=	6.41	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Chrysene	n/a	=	64	%	EPA 8270C	-88	-88	11	151	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Chrysene	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Chrysene	n/a	=	20.1	µg/L	EPA 625	0.38	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Chrysene	n/a	=	80	%	EPA 625	-88	-88	17	168	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Chrysene	n/a	=	23.8	µg/L	EPA 625	0.38	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Chrysene	n/a	=	95	%	EPA 625	-88	-88	17	168	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Chrysene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-1	Lab	LCS	9/25/2015	Organic	Dibenz(a,h)anthracene	n/a	=	23.8	µg/L	EPA 625	0.08	2			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Dibenz(a,h)anthracene	n/a	=	95	%	EPA 625	-88	-88	0.1	227	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Dibenz(a,h)anthracene	n/a	=	23.7	µg/L	EPA 625	0.08	2			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Dibenz(a,h)anthracene	n/a	=	95	%	EPA 625	-88	-88	0.1	227	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Dibenz(a,h)anthracene	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	9.58	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	96	%	EPA 8270C	-88	-88	9	147	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	10.4	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	104	%	EPA 8270C	-88	-88	9	147	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	9.91	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	99	%	EPA 8270C	-88	-88	9	147	
2015/16-1	Lab	method blank	10/1/2015	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-1	Lab	LCS	10/1/2015	Organic	Dibenz(a,h)anthracene	n/a	=	22.7	µg/L	EPA 625	0.08	2			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Dibenz(a,h)anthracene	n/a	=	91	%	EPA 625	-88	-88	0.1	227	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	5.41	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	51	%	EPA 8270C	-88	-88	23	123	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	4.57	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	46	%	EPA 8270C	-88	-88	23	123	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Dibenz(a,h)anthracene	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Dibenz(a,h)anthracene	n/a	=	24.8	µg/L	EPA 625	0.16	4			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Dibenz(a,h)anthracene	n/a	=	99	%	EPA 625	-88	-88	0.1	227	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Dibenz(a,h)anthracene	n/a	=	30.9	µg/L	EPA 625	0.16	4			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Dibenz(a,h)anthracene	n/a	=	124	%	EPA 625	-88	-88	0.1	227	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Dibenz(a,h)anthracene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Diethyl phthalate	n/a	=	24.1	µg/L	EPA 625	0.15	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Diethyl phthalate	n/a	=	96	%	EPA 625	-88	-88	0.1	114	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Diethyl phthalate	n/a	=	21.5	µg/L	EPA 625	0.15	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	114	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Diethyl phthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Diethyl phthalate	n/a	=	23.9	µg/L	EPA 625	0.15	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Diethyl phthalate	n/a	=	95	%	EPA 625	-88	-88	0.1	114	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Diethyl phthalate	n/a	=	21.1	µg/L	EPA 625	0.3	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	114	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Diethyl phthalate	n/a	=	24.8	µg/L	EPA 625	0.3	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Diethyl phthalate	n/a	=	97	%	EPA 625	-88	-88	0.1	114	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Diethyl phthalate	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Dimethyl phthalate	n/a	=	21.4	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Dimethyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	112	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Dimethyl phthalate	n/a	=	18.8	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Dimethyl phthalate	n/a	=	75	%	EPA 625	-88	-88	0.1	112	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Dimethyl phthalate	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Dimethyl phthalate	n/a	=	20.2	µg/L	EPA 625	0.18	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Dimethyl phthalate	n/a	=	81	%	EPA 625	-88	-88	0.1	112	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Dimethyl phthalate	n/a	=	18.3	µg/L	EPA 625	0.36	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Dimethyl phthalate	n/a	=	73	%	EPA 625	-88	-88	0.1	112	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Dimethyl phthalate	n/a	=	21.3	µg/L	EPA 625	0.36	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Dimethyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	112	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Dimethyl phthalate	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Di-n-butylphthalate	n/a	=	25	µg/L	EPA 625	0.24	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Di-n-butylphthalate	n/a	=	100	%	EPA 625	-88	-88	1	118	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Di-n-butylphthalate	n/a	=	21.9	µg/L	EPA 625	0.24	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Di-n-butylphthalate	n/a	=	88	%	EPA 625	-88	-88	1	118	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Di-n-butylphthalate	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Di-n-butylphthalate	n/a	=	25	µg/L	EPA 625	0.24	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Di-n-butylphthalate	n/a	=	100	%	EPA 625	-88	-88	1	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	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Di-n-butylphthalate	n/a	=	20.4	µg/L	EPA 625	0.48	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Di-n-butylphthalate	n/a	=	82	%	EPA 625	-88	-88	1	118	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Di-n-butylphthalate	n/a	=	24.2	µg/L	EPA 625	0.48	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Di-n-butylphthalate	n/a	=	97	%	EPA 625	-88	-88	1	118	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Di-n-butylphthalate	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Di-n-octylphthalate	n/a	=	19.6	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Di-n-octylphthalate	n/a	=	78	%	EPA 625	-88	-88	4	146	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Di-n-octylphthalate	n/a	=	19.2	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Di-n-octylphthalate	n/a	=	77	%	EPA 625	-88	-88	4	146	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Di-n-octylphthalate	n/a	=	31.6	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Di-n-octylphthalate	n/a	=	127	%	EPA 625	-88	-88	4	146	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Di-n-octylphthalate	n/a	=	39.8	µg/L	EPA 625	0.38	2			GB
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Di-n-octylphthalate	n/a	=	159	%	EPA 625	-88	-88	4	146	GB
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Di-n-octylphthalate	n/a	=	43.5	µg/L	EPA 625	0.38	2			GB
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Di-n-octylphthalate	n/a	=	174	%	EPA 625	-88	-88	4	146	GB
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Di-n-octylphthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Fluoranthene	n/a	=	24.3	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Fluoranthene	n/a	=	97	%	EPA 625	-88	-88	26	137	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Fluoranthene	n/a	=	21.4	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Fluoranthene	n/a	=	86	%	EPA 625	-88	-88	26	137	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Fluoranthene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Fluoranthene	n/a	=	7.21	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Fluoranthene	n/a	=	72	%	EPA 8270C	-88	-88	22	131	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Fluoranthene	n/a	=	8.24	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Fluoranthene	n/a	=	82	%	EPA 8270C	-88	-88	22	131	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Fluoranthene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Fluoranthene	n/a	=	8.69	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Fluoranthene	n/a	=	87	%	EPA 8270C	-88	-88	22	131	
2015/16-1	Lab	method blank	10/1/2015	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Fluoranthene	n/a	=	26	µg/L	EPA 625	0.22	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Fluoranthene	n/a	=	104	%	EPA 625	-88	-88	26	137	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Fluoranthene	n/a	=	7.31	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Fluoranthene	n/a	=	69	%	EPA 8270C	-88	-88	15	130	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Fluoranthene	n/a	=	6.32	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Fluoranthene	n/a	=	63	%	EPA 8270C	-88	-88	15	130	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Fluoranthene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Fluoranthene	n/a	=	20.2	µg/L	EPA 625	0.44	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Fluoranthene	n/a	=	81	%	EPA 625	-88	-88	26	137	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Fluoranthene	n/a	=	23.7	µg/L	EPA 625	0.44	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Fluoranthene	n/a	=	95	%	EPA 625	-88	-88	26	137	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Fluoranthene	n/a	=	16	%	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	
2015/16-1	Lab	method blank	9/25/2015	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Fluorene	n/a	=	23.2	µg/L	EPA 625	0.35	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Fluorene	n/a	=	93	%	EPA 625	-88	-88	59	121	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Fluorene	n/a	=	20.4	µg/L	EPA 625	0.35	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Fluorene	n/a	=	82	%	EPA 625	-88	-88	59	121	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Fluorene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Fluorene	n/a	=	9.61	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Fluorene	n/a	=	96	%	EPA 8270C	-88	-88	19	122	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Fluorene	n/a	=	9.5	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Fluorene	n/a	=	95	%	EPA 8270C	-88	-88	19	122	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Fluorene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Fluorene	n/a	=	9.64	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Fluorene	n/a	=	96	%	EPA 8270C	-88	-88	19	122	
2015/16-1	Lab	method blank	10/1/2015	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Fluorene	n/a	=	22.9	µg/L	EPA 625	0.35	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Fluorene	n/a	=	92	%	EPA 625	-88	-88	59	121	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Fluorene	n/a	=	9.72	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Fluorene	n/a	=	92	%	EPA 8270C	-88	-88	22	124	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Fluorene	n/a	=	8.22	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Fluorene	n/a	=	82	%	EPA 8270C	-88	-88	22	124	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Fluorene	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Fluorene	n/a	=	21.4	µg/L	EPA 625	0.7	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Fluorene	n/a	=	86	%	EPA 625	-88	-88	59	121	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Fluorene	n/a	=	25.4	µg/L	EPA 625	0.7	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Fluorene	n/a	=	102	%	EPA 625	-88	-88	59	121	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Fluorene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Hexachlorobenzene	n/a	=	19	µg/L	EPA 625	0.49	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Hexachlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	152	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Hexachlorobenzene	n/a	=	16.8	µg/L	EPA 625	0.49	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Hexachlorobenzene	n/a	=	67	%	EPA 625	-88	-88	0.1	152	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Hexachlorobenzene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Hexachlorobenzene	n/a	=	17.4	µg/L	EPA 625	0.49	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Hexachlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	152	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Hexachlorobenzene	n/a	=	16.8	µg/L	EPA 625	0.98	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Hexachlorobenzene	n/a	=	67	%	EPA 625	-88	-88	0.1	152	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Hexachlorobenzene	n/a	=	19.6	µg/L	EPA 625	0.98	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Hexachlorobenzene	n/a	=	78	%	EPA 625	-88	-88	0.1	152	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Hexachlorobenzene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Hexachlorobutadiene	n/a	=	17.3	µg/L	EPA 625	0.47	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Hexachlorobutadiene	n/a	=	69	%	EPA 625	-88	-88	24	116	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Hexachlorobutadiene	n/a	=	15.2	µg/L	EPA 625	0.47	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Hexachlorobutadiene	n/a	=	61	%	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	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Hexachlorobutadiene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Hexachlorobutadiene	n/a	=	17.2	µg/L	EPA 625	0.47	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Hexachlorobutadiene	n/a	=	69	%	EPA 625	-88	-88	24	116	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Hexachlorobutadiene	n/a	=	16.5	µg/L	EPA 625	0.94	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Hexachlorobutadiene	n/a	=	66	%	EPA 625	-88	-88	24	116	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Hexachlorobutadiene	n/a	=	19.4	µg/L	EPA 625	0.94	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Hexachlorobutadiene	n/a	=	78	%	EPA 625	-88	-88	24	116	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Hexachlorobutadiene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-1	Lab	LCS	9/25/2015	Organic	Hexachlorocyclopentadiene	n/a	=	8.05	µg/L	EPA 625	1.5	5			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Hexachlorocyclopentadiene	n/a	=	32	%	EPA 625	-88	-88	0.1	81	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Hexachlorocyclopentadiene	n/a	=	7.56	µg/L	EPA 625	1.5	5			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Hexachlorocyclopentadiene	n/a	=	30	%	EPA 625	-88	-88	0.1	81	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Hexachlorocyclopentadiene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-1	Lab	LCS	10/1/2015	Organic	Hexachlorocyclopentadiene	n/a	=	7.62	µg/L	EPA 625	1.5	5			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Hexachlorocyclopentadiene	n/a	=	30	%	EPA 625	-88	-88	0.1	81	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Hexachlorocyclopentadiene	n/a	DNQ	7.66	µg/L	EPA 625	2.9	10			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Hexachlorocyclopentadiene	n/a	=	31	%	EPA 625	-88	-88	10	80	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Hexachlorocyclopentadiene	n/a	DNQ	7.8	µg/L	EPA 625	2.9	10			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Hexachlorocyclopentadiene	n/a	=	31	%	EPA 625	-88	-88	10	80	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Hexachlorocyclopentadiene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Hexachloroethane	n/a	=	16.8	µg/L	EPA 625	0.52	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Hexachloroethane	n/a	=	67	%	EPA 625	-88	-88	40	113	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Hexachloroethane	n/a	=	15.1	µg/L	EPA 625	0.52	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Hexachloroethane	n/a	=	60	%	EPA 625	-88	-88	40	113	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Hexachloroethane	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Hexachloroethane	n/a	=	17.7	µg/L	EPA 625	0.52	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Hexachloroethane	n/a	=	71	%	EPA 625	-88	-88	40	113	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Hexachloroethane	n/a	=	15	µg/L	EPA 625	1	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Hexachloroethane	n/a	=	60	%	EPA 625	-88	-88	40	113	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Hexachloroethane	n/a	=	17.8	µg/L	EPA 625	1	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Hexachloroethane	n/a	=	71	%	EPA 625	-88	-88	40	113	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Hexachloroethane	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-1	Lab	LCS	9/25/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22	µg/L	EPA 625	0.12	2			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 625	-88	-88	0.1	171	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22	µg/L	EPA 625	0.12	2			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 625	-88	-88	0.1	171	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.87	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	89	%	EPA 8270C	-88	-88	12	136	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.5	µg/L	EPA 8270C	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	
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	95	%	EPA 8270C	-88	-88	12	136	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.72	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	97	%	EPA 8270C	-88	-88	12	136	
2015/16-1	Lab	method blank	10/1/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-1	Lab	LCS	10/1/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.2	µg/L	EPA 625	0.12	2			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	85	%	EPA 625	-88	-88	0.1	171	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.24	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	50	%	EPA 8270C	-88	-88	16	127	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4.43	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	44	%	EPA 8270C	-88	-88	16	127	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.3	µg/L	EPA 625	0.24	4			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	85	%	EPA 625	-88	-88	0.1	171	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	26.5	µg/L	EPA 625	0.24	4			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	106	%	EPA 625	-88	-88	0.1	171	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Isophorone	n/a	=	18.7	µg/L	EPA 625	0.21	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Isophorone	n/a	=	75	%	EPA 625	-88	-88	21	196	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Isophorone	n/a	=	17	µg/L	EPA 625	0.21	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Isophorone	n/a	=	68	%	EPA 625	-88	-88	21	196	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Isophorone	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Isophorone	n/a	=	20.3	µg/L	EPA 625	0.21	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Isophorone	n/a	=	81	%	EPA 625	-88	-88	21	196	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Isophorone	n/a	=	18.7	µg/L	EPA 625	0.42	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Isophorone	n/a	=	75	%	EPA 625	-88	-88	21	196	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Isophorone	n/a	=	21.9	µg/L	EPA 625	0.42	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Isophorone	n/a	=	88	%	EPA 625	-88	-88	21	196	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Isophorone	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	LCS	9/21/2015	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	52.8	µg/L	EPA 624	0.25	1			
2015/16-1	Lab	LCS, rec	9/21/2015	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	106	%	EPA 624	-88	-88	80	128	
2015/16-1	Lab	LCS dup	9/21/2015	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	52.6	µg/L	EPA 624	0.25	1			
2015/16-1	Lab	LCS dup, rec	9/21/2015	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	105	%	EPA 624	-88	-88	80	128	
2015/16-1	Lab	LCS, RPD	9/21/2015	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.3	%	EPA 624	-88	-88	0	25	
2015/16-1	Lab	method blank	9/21/2015	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2015/16-1	Lab	method blank	9/25/2015	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Naphthalene	n/a	=	18.3	µg/L	EPA 625	0.49	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Naphthalene	n/a	=	73	%	EPA 625	-88	-88	21	133	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Naphthalene	n/a	=	15.9	µg/L	EPA 625	0.49	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Naphthalene	n/a	=	63	%	EPA 625	-88	-88	21	133	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Naphthalene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Naphthalene	n/a	=	7.48	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Naphthalene	n/a	=	75	%	EPA 8270C	-88	-88	12	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	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Naphthalene	n/a	=	6.84	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Naphthalene	n/a	=	68	%	EPA 8270C	-88	-88	12	136	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Naphthalene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Naphthalene	n/a	=	6.79	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Naphthalene	n/a	=	68	%	EPA 8270C	-88	-88	12	136	
2015/16-1	Lab	method blank	10/1/2015	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Naphthalene	n/a	=	18.3	µg/L	EPA 625	0.49	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Naphthalene	n/a	=	73	%	EPA 625	-88	-88	21	133	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Naphthalene	n/a	=	6.67	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Naphthalene	n/a	=	63	%	EPA 8270C	-88	-88	8	116	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Naphthalene	n/a	=	5.66	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Naphthalene	n/a	=	57	%	EPA 8270C	-88	-88	8	116	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Naphthalene	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Naphthalene	n/a	=	17.4	µg/L	EPA 625	0.98	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Naphthalene	n/a	=	70	%	EPA 625	-88	-88	21	133	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Naphthalene	n/a	=	20.2	µg/L	EPA 625	0.98	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Naphthalene	n/a	=	81	%	EPA 625	-88	-88	21	133	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Naphthalene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Nitrobenzene	n/a	=	19.5	µg/L	EPA 625	0.36	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Nitrobenzene	n/a	=	78	%	EPA 625	-88	-88	35	180	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Nitrobenzene	n/a	=	17.7	µg/L	EPA 625	0.36	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Nitrobenzene	n/a	=	71	%	EPA 625	-88	-88	35	180	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Nitrobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Nitrobenzene	n/a	=	21.2	µg/L	EPA 625	0.36	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Nitrobenzene	n/a	=	85	%	EPA 625	-88	-88	35	180	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Nitrobenzene	n/a	=	20.6	µg/L	EPA 625	0.72	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Nitrobenzene	n/a	=	82	%	EPA 625	-88	-88	35	180	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Nitrobenzene	n/a	=	23.6	µg/L	EPA 625	0.72	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Nitrobenzene	n/a	=	94	%	EPA 625	-88	-88	35	180	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Nitrobenzene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	srgt method blank	9/25/2015	Organic	Nitrobenzene-d5	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/25/2015	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	27	111	
2015/16-1	Lab	srgt LCS	9/25/2015	Organic	Nitrobenzene-d5	n/a	=	20.4	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/25/2015	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	27	111	
2015/16-1	Lab	srgt LCS dup	9/25/2015	Organic	Nitrobenzene-d5	n/a	=	18.1	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/25/2015	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	27	111	
2015/16-1	Lab	srgt method blank	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	5.2	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	104	%	EPA 8270C	-88	-88	51	143	
2015/16-1	Lab	srgt LCS	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	4.25	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270C	-88	-88	51	143	
2015/16-1	Lab	srgt LCS dup	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	3.74	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2015/16-1	Lab	srgt method blank	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	4.57	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 8270C	-88	-88	51	143	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	srgt LCS	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	3.83	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	27	111	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	22	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	27	111	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	27	111	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	27	111	
2015/16-1	ME-CC	srgt environ	9/25/2015	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 625	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/25/2015	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	27	111	
2015/16-1	ME-CC	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	4.48	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 8270C	-88	-88	51	143	
2015/16-1	ME-VR2	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	3.33	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2015/16-1	ME-VR2	srgt environ	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	21.7	µg/L	EPA 625	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-CAM	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	5.65	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	113	%	EPA 8270C	-88	-88	51	143	
2015/16-1	MO-CAM	srgt environ	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	23.6	µg/L	EPA 625	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-FIL	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	5.25	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	105	%	EPA 8270C	-88	-88	51	143	
2015/16-1	MO-FIL	srgt environ	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	21.9	µg/L	EPA 625	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-HUE	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	4.95	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	99	%	EPA 8270C	-88	-88	51	143	
2015/16-1	MO-HUE	srgt environ	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	22.2	µg/L	EPA 625	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-MPK	srgt matrix spike	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	4.16	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt matrix spike, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	27	111	
2015/16-1	MO-MPK	srgt matrix spike dup	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	3.61	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt matrix spike dup, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	27	111	
2015/16-1	MO-MPK	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	5.35	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	107	%	EPA 8270C	-88	-88	27	111	
2015/16-1	MO-MPK	srgt environ	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	22.7	µg/L	EPA 625	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-OXN	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	5.74	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	115	%	EPA 8270C	-88	-88	51	143	
2015/16-1	MO-OXN	srgt environ	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	23.5	µg/L	EPA 625	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-SIM	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	5.79	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	116	%	EPA 8270C	-88	-88	51	143	
2015/16-1	MO-SIM	srgt environ	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	23	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-SPA	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	5.55	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-SPA	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	111	%	EPA 8270C	-88	-88	51	143	
2015/16-1	MO-SPA	srgt environ	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	24.2	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-THO	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	4.65	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 8270C	-88	-88	51	143	
2015/16-1	MO-THO	srgt environ	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-VEN	srgt environ	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	5.55	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/26/2015	Organic	Nitrobenzene-d5	n/a	=	111	%	EPA 8270C	-88	-88	51	143	
2015/16-1	MO-VEN	srgt environ	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-VEN	srgt matrix spike	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	21.1	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	27	111	
2015/16-1	MO-VEN	srgt matrix spike dup	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	24	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike dup, rec	10/1/2015	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625	-88	-88	27	111	
2015/16-1	Lab	method blank	9/25/2015	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	N-Nitrosodimethylamine	n/a	=	12.1	µg/L	EPA 625	0.14	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	N-Nitrosodimethylamine	n/a	=	49	%	EPA 625	-88	-88	15	59	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	N-Nitrosodimethylamine	n/a	=	10.4	µg/L	EPA 625	0.14	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625	-88	-88	15	59	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	N-Nitrosodimethylamine	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	N-Nitrosodimethylamine	n/a	=	12	µg/L	EPA 625	0.14	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	N-Nitrosodimethylamine	n/a	=	48	%	EPA 625	-88	-88	15	59	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	N-Nitrosodimethylamine	n/a	=	10.4	µg/L	EPA 625	0.28	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625	-88	-88	15	57	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	N-Nitrosodimethylamine	n/a	=	11.7	µg/L	EPA 625	0.28	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	N-Nitrosodimethylamine	n/a	=	47	%	EPA 625	-88	-88	15	57	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	N-Nitrosodimethylamine	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	20	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	80	%	EPA 625	-88	-88	0.1	230	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.9	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	72	%	EPA 625	-88	-88	0.1	230	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	21.4	µg/L	EPA 625	0.26	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	86	%	EPA 625	-88	-88	0.1	230	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.5	µg/L	EPA 625	0.52	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	82	%	EPA 625	-88	-88	0.1	230	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	23.4	µg/L	EPA 625	0.52	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	94	%	EPA 625	-88	-88	0.1	230	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	N-Nitrosodiphenylamine	n/a	=	20.3	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	N-Nitrosodiphenylamine	n/a	=	81	%	EPA 625	-88	-88	42	90	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	N-Nitrosodiphenylamine	n/a	=	18.3	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	
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	N-Nitrosodiphenylamine	n/a	=	73	%	EPA 625	-88	-88	42	90	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	N-Nitrosodiphenylamine	n/a	=	18.8	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	N-Nitrosodiphenylamine	n/a	=	75	%	EPA 625	-88	-88	42	90	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	N-Nitrosodiphenylamine	n/a	=	13.5	µg/L	EPA 625	0.38	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	N-Nitrosodiphenylamine	n/a	=	54	%	EPA 625	-88	-88	49	82	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	N-Nitrosodiphenylamine	n/a	=	17.5	µg/L	EPA 625	0.38	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	N-Nitrosodiphenylamine	n/a	=	70	%	EPA 625	-88	-88	49	82	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	N-Nitrosodiphenylamine	n/a	=	26	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	srgt method blank	9/25/2015	Organic	Perylene-d12	n/a	=	5.58	µg/L	EPA 525.2	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/25/2015	Organic	Perylene-d12	n/a	=	112	%	EPA 525.2	-88	-88	30	118	
2015/16-1	Lab	srgt LCS	9/25/2015	Organic	Perylene-d12	n/a	=	6.49	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	Lab	srgt LCS, rec	9/25/2015	Organic	Perylene-d12	n/a	=	130	%	EPA 525.2	-88	-88	30	118	GN
2015/16-1	Lab	srgt method blank	9/30/2015	Organic	Perylene-d12	n/a	=	6.92	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	Lab	srgt method blank, rec	9/30/2015	Organic	Perylene-d12	n/a	=	138	%	EPA 525.2	-88	-88	30	118	GN
2015/16-1	Lab	srgt LCS	9/30/2015	Organic	Perylene-d12	n/a	=	8.26	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	Lab	srgt LCS, rec	9/30/2015	Organic	Perylene-d12	n/a	=	165	%	EPA 525.2	-88	-88	30	118	GN
2015/16-1	Lab	srgt LCS dup	9/30/2015	Organic	Perylene-d12	n/a	=	7.92	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	Lab	srgt LCS dup, rec	9/30/2015	Organic	Perylene-d12	n/a	=	158	%	EPA 525.2	-88	-88	30	118	GN
2015/16-1	ME-CC	srgt environ	9/30/2015	Organic	Perylene-d12	n/a	=	2	µg/L	EPA 525.2	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/30/2015	Organic	Perylene-d12	n/a	=	40	%	EPA 525.2	-88	-88	30	118	
2015/16-1	ME-VR2	srgt environ	9/25/2015	Organic	Perylene-d12	n/a	=	5.51	µg/L	EPA 525.2	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/25/2015	Organic	Perylene-d12	n/a	=	110	%	EPA 525.2	-88	-88	30	118	
2015/16-1	MO-CAM	srgt environ	9/26/2015	Organic	Perylene-d12	n/a	=	1.49	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/26/2015	Organic	Perylene-d12	n/a	=	30	%	EPA 525.2	-88	-88	30	118	
2015/16-1	MO-FIL	srgt environ	9/26/2015	Organic	Perylene-d12	n/a	=	1.38	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	MO-FIL	srgt environ, rec	9/26/2015	Organic	Perylene-d12	n/a	=	28	%	EPA 525.2	-88	-88	30	118	GN
2015/16-1	MO-HUE	srgt environ	9/26/2015	Organic	Perylene-d12	n/a	=	1.63	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/26/2015	Organic	Perylene-d12	n/a	=	33	%	EPA 525.2	-88	-88	30	118	
2015/16-1	MO-MPK	srgt environ	9/26/2015	Organic	Perylene-d12	n/a	=	1.32	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	MO-MPK	srgt environ, rec	9/26/2015	Organic	Perylene-d12	n/a	=	26	%	EPA 525.2	-88	-88	30	118	GN
2015/16-1	MO-OXN	srgt environ	9/26/2015	Organic	Perylene-d12	n/a	=	2.32	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/26/2015	Organic	Perylene-d12	n/a	=	46	%	EPA 525.2	-88	-88	30	118	
2015/16-1	MO-SIM	srgt environ	9/26/2015	Organic	Perylene-d12	n/a	=	1.18	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	MO-SIM	srgt environ, rec	9/26/2015	Organic	Perylene-d12	n/a	=	24	%	EPA 525.2	-88	-88	30	118	GN
2015/16-1	MO-SPA	srgt environ	9/26/2015	Organic	Perylene-d12	n/a	=	2.1	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/26/2015	Organic	Perylene-d12	n/a	=	42	%	EPA 525.2	-88	-88	30	118	
2015/16-1	MO-THO	srgt matrix spike	9/25/2015	Organic	Perylene-d12	n/a	=	8.12	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-THO	srgt matrix spike, rec	9/25/2015	Organic	Perylene-d12	n/a	=	41	%	EPA 525.2	-88	-88	30	118	
2015/16-1	MO-THO	srgt matrix spike dup	9/25/2015	Organic	Perylene-d12	n/a	=	7.2	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-THO	srgt matrix spike dup, rec	9/25/2015	Organic	Perylene-d12	n/a	=	36	%	EPA 525.2	-88	-88	30	118	
2015/16-1	MO-THO	srgt environ	9/26/2015	Organic	Perylene-d12	n/a	=	0.7	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	MO-THO	srgt environ, rec	9/26/2015	Organic	Perylene-d12	n/a	=	14	%	EPA 525.2	-88	-88	30	118	GN
2015/16-1	MO-VEN	srgt environ	9/26/2015	Organic	Perylene-d12	n/a	=	1.31	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	MO-VEN	srgt environ, rec	9/26/2015	Organic	Perylene-d12	n/a	=	26	%	EPA 525.2	-88	-88	30	118	GN
2015/16-1	Lab	method blank	9/25/2015	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS	9/25/2015	Organic	Phenanthrene	n/a	=	24	µg/L	EPA 625	0.32	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Phenanthrene	n/a	=	96	%	EPA 625	-88	-88	54	120	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Phenanthrene	n/a	=	21.9	µg/L	EPA 625	0.32	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Phenanthrene	n/a	=	88	%	EPA 625	-88	-88	54	120	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Phenanthrene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Phenanthrene	n/a	=	8.21	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Phenanthrene	n/a	=	82	%	EPA 8270C	-88	-88	21	131	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Phenanthrene	n/a	=	8.86	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Phenanthrene	n/a	=	89	%	EPA 8270C	-88	-88	21	131	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Phenanthrene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Phenanthrene	n/a	=	8.84	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Phenanthrene	n/a	=	88	%	EPA 8270C	-88	-88	21	131	
2015/16-1	Lab	method blank	10/1/2015	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Phenanthrene	n/a	=	23.8	µg/L	EPA 625	0.32	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Phenanthrene	n/a	=	95	%	EPA 625	-88	-88	54	120	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Phenanthrene	n/a	=	8.01	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Phenanthrene	n/a	=	76	%	EPA 8270C	-88	-88	8	145	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Phenanthrene	n/a	=	6.57	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Phenanthrene	n/a	=	66	%	EPA 8270C	-88	-88	8	145	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Phenanthrene	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Phenanthrene	n/a	=	21.1	µg/L	EPA 625	0.64	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Phenanthrene	n/a	=	84	%	EPA 625	-88	-88	54	120	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Phenanthrene	n/a	=	25.1	µg/L	EPA 625	0.64	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Phenanthrene	n/a	=	100	%	EPA 625	-88	-88	54	120	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Phenanthrene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Phenol	n/a	=	8.26	µg/L	EPA 625	0.16	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Phenol	n/a	=	33	%	EPA 625	-88	-88	5	112	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Phenol	n/a	=	7.22	µg/L	EPA 625	0.16	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Phenol	n/a	=	29	%	EPA 625	-88	-88	5	112	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Phenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Phenol	n/a	=	8.64	µg/L	EPA 625	0.16	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Phenol	n/a	=	35	%	EPA 625	-88	-88	5	112	
2015/16-1	Lab	method blank	10/7/2015	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	Phenol	n/a	=	3.19	µg/L	EPA 8270C	0.35	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	Phenol	n/a	=	32	%	EPA 8270C	-88	-88	6	43	
2015/16-1	Lab	method blank	10/7/2015	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2015/16-1	Lab	LCS	10/7/2015	Organic	Phenol	n/a	=	3.52	µg/L	EPA 8270C	0.35	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Organic	Phenol	n/a	=	35	%	EPA 8270C	-88	-88	6	43	
2015/16-1	Lab	LCS dup	10/7/2015	Organic	Phenol	n/a	=	3.11	µg/L	EPA 8270C	0.35	1			
2015/16-1	Lab	LCS dup, rec	10/7/2015	Organic	Phenol	n/a	=	31	%	EPA 8270C	-88	-88	6	43	
2015/16-1	Lab	LCS, RPD	10/7/2015	Organic	Phenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-MPK	matrix spike	10/7/2015	Organic	Phenol	n/a	=	4.64	µg/L	EPA 8270C	0.35	1			
2015/16-1	MO-MPK	matrix spike, rec	10/7/2015	Organic	Phenol	n/a	=	37	%	EPA 8270C	-88	-88	5	55	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-MPK	matrix spike dup	10/7/2015	Organic	Phenol	n/a	=	4.39	µg/L	EPA 8270C	0.35	1			
2015/16-1	MO-MPK	matrix spike dup, rec	10/7/2015	Organic	Phenol	n/a	=	37	%	EPA 8270C	-88	-88	5	55	
2015/16-1	MO-MPK	matrix spike, RPD	10/7/2015	Organic	Phenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Phenol	n/a	=	8.16	µg/L	EPA 625	0.32	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Phenol	n/a	=	33	%	EPA 625	-88	-88	5	112	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Phenol	n/a	=	9.52	µg/L	EPA 625	0.32	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Phenol	n/a	=	38	%	EPA 625	-88	-88	5	112	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Phenol	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	srgt method blank	9/25/2015	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/25/2015	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2015/16-1	Lab	srgt LCS	9/25/2015	Organic	Phenol-d5	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/25/2015	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	0.1	53	
2015/16-1	Lab	srgt LCS dup	9/25/2015	Organic	Phenol-d5	n/a	=	15	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/25/2015	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	Phenol-d5	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	Phenol-d5	n/a	=	18.4	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	0.1	53	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	Phenol-d5	n/a	=	17	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	Phenol-d5	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	0.1	53	
2015/16-1	Lab	srgt method blank	10/7/2015	Organic	Phenol-d5	n/a	=	3.93	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/7/2015	Organic	Phenol-d5	n/a	=	39	%	EPA 8270C	-88	-88	5	46	
2015/16-1	Lab	srgt LCS	10/7/2015	Organic	Phenol-d5	n/a	=	3.04	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/7/2015	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2015/16-1	Lab	srgt method blank	10/7/2015	Organic	Phenol-d5	n/a	=	3.33	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/7/2015	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2015/16-1	Lab	srgt LCS	10/7/2015	Organic	Phenol-d5	n/a	=	3.47	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/7/2015	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2015/16-1	Lab	srgt LCS dup	10/7/2015	Organic	Phenol-d5	n/a	=	2.89	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	10/7/2015	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2015/16-1	ME-CC	srgt environ	9/25/2015	Organic	Phenol-d5	n/a	=	16	µg/L	EPA 625	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/25/2015	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2015/16-1	ME-CC	srgt environ	10/8/2015	Organic	Phenol-d5	n/a	=	3.96	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	10/8/2015	Organic	Phenol-d5	n/a	=	40	%	EPA 8270C	-88	-88	5	46	
2015/16-1	ME-VR2	srgt environ	10/1/2015	Organic	Phenol-d5	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/1/2015	Organic	Phenol-d5	n/a	=	40	%	EPA 625	-88	-88	0.1	53	
2015/16-1	ME-VR2	srgt environ	10/7/2015	Organic	Phenol-d5	n/a	=	3.53	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/7/2015	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2015/16-1	MO-CAM	srgt environ	10/1/2015	Organic	Phenol-d5	n/a	=	24.2	µg/L	EPA 625	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	10/1/2015	Organic	Phenol-d5	n/a	=	48	%	EPA 625	-88	-88	0.1	53	
2015/16-1	MO-CAM	srgt environ	10/7/2015	Organic	Phenol-d5	n/a	=	9.33	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-CAM	srgt environ, rec	10/7/2015	Organic	Phenol-d5	n/a	=	93	%	EPA 8270C	-88	-88	5	46	GN
2015/16-1	MO-FIL	srgt environ	10/1/2015	Organic	Phenol-d5	n/a	=	24	µg/L	EPA 625	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	10/1/2015	Organic	Phenol-d5	n/a	=	48	%	EPA 625	-88	-88	0.1	53	
2015/16-1	MO-FIL	srgt environ	10/8/2015	Organic	Phenol-d5	n/a	=	7.18	µg/L	EPA 8270C	-88	-88			GN



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-FIL	srgt environ, rec	10/8/2015	Organic	Phenol-d5	n/a	=	72	%	EPA 8270C	-88	-88	5	46	GN
2015/16-1	MO-HUE	srgt environ	10/1/2015	Organic	Phenol-d5	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	10/1/2015	Organic	Phenol-d5	n/a	=	39	%	EPA 625	-88	-88	0.1	53	
2015/16-1	MO-HUE	srgt environ	10/8/2015	Organic	Phenol-d5	n/a	=	4.59	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	10/8/2015	Organic	Phenol-d5	n/a	=	46	%	EPA 8270C	-88	-88	5	46	
2015/16-1	MO-MPK	srgt environ	10/1/2015	Organic	Phenol-d5	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	10/1/2015	Organic	Phenol-d5	n/a	=	45	%	EPA 625	-88	-88	0.1	53	
2015/16-1	MO-MPK	srgt matrix spike	10/7/2015	Organic	Phenol-d5	n/a	=	5.99	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-MPK	srgt matrix spike, rec	10/7/2015	Organic	Phenol-d5	n/a	=	57	%	EPA 8270C	-88	-88	5	46	GN
2015/16-1	MO-MPK	srgt matrix spike dup	10/7/2015	Organic	Phenol-d5	n/a	=	6.04	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-MPK	srgt matrix spike dup, rec	10/7/2015	Organic	Phenol-d5	n/a	=	60	%	EPA 8270C	-88	-88	5	46	GN
2015/16-1	MO-MPK	srgt environ	10/8/2015	Organic	Phenol-d5	n/a	=	7.04	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-MPK	srgt environ, rec	10/8/2015	Organic	Phenol-d5	n/a	=	70	%	EPA 8270C	-88	-88	5	46	GN
2015/16-1	MO-OXN	srgt environ	10/1/2015	Organic	Phenol-d5	n/a	=	21.3	µg/L	EPA 625	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	10/1/2015	Organic	Phenol-d5	n/a	=	43	%	EPA 625	-88	-88	0.1	53	
2015/16-1	MO-OXN	srgt environ	10/8/2015	Organic	Phenol-d5	n/a	=	7.53	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-OXN	srgt environ, rec	10/8/2015	Organic	Phenol-d5	n/a	=	75	%	EPA 8270C	-88	-88	5	46	GN
2015/16-1	MO-SIM	srgt environ	10/1/2015	Organic	Phenol-d5	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	10/1/2015	Organic	Phenol-d5	n/a	=	45	%	EPA 625	-88	-88	0.1	53	
2015/16-1	MO-SIM	srgt environ	10/8/2015	Organic	Phenol-d5	n/a	=	7	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-SIM	srgt environ, rec	10/8/2015	Organic	Phenol-d5	n/a	=	70	%	EPA 8270C	-88	-88	5	46	GN
2015/16-1	MO-SPA	srgt environ	10/1/2015	Organic	Phenol-d5	n/a	=	28.2	µg/L	EPA 625	-88	-88			GN
2015/16-1	MO-SPA	srgt environ, rec	10/1/2015	Organic	Phenol-d5	n/a	=	56	%	EPA 625	-88	-88	0.1	53	GN
2015/16-1	MO-SPA	srgt environ	10/8/2015	Organic	Phenol-d5	n/a	=	14.8	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-SPA	srgt environ, rec	10/8/2015	Organic	Phenol-d5	n/a	=	148	%	EPA 8270C	-88	-88	5	46	GN
2015/16-1	MO-THO	srgt environ	10/1/2015	Organic	Phenol-d5	n/a	=	20.5	µg/L	EPA 625	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	10/1/2015	Organic	Phenol-d5	n/a	=	41	%	EPA 625	-88	-88	0.1	53	
2015/16-1	MO-THO	srgt environ	10/8/2015	Organic	Phenol-d5	n/a	=	4.91	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-THO	srgt environ, rec	10/8/2015	Organic	Phenol-d5	n/a	=	49	%	EPA 8270C	-88	-88	5	46	GN
2015/16-1	MO-VEN	srgt environ	10/1/2015	Organic	Phenol-d5	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	10/1/2015	Organic	Phenol-d5	n/a	=	39	%	EPA 625	-88	-88	0.1	53	
2015/16-1	MO-VEN	srgt matrix spike	10/1/2015	Organic	Phenol-d5	n/a	=	16.5	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike, rec	10/1/2015	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2015/16-1	MO-VEN	srgt matrix spike dup	10/1/2015	Organic	Phenol-d5	n/a	=	19.4	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike dup, rec	10/1/2015	Organic	Phenol-d5	n/a	=	39	%	EPA 625	-88	-88	0.1	53	
2015/16-1	MO-VEN	srgt environ	10/7/2015	Organic	Phenol-d5	n/a	=	5.67	µg/L	EPA 8270C	-88	-88			GN
2015/16-1	MO-VEN	srgt environ, rec	10/7/2015	Organic	Phenol-d5	n/a	=	57	%	EPA 8270C	-88	-88	5	46	GN
2015/16-1	Lab	srgt method blank	9/25/2015	Organic	p-Terphenyl-d14	n/a	=	23.6	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/25/2015	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625	-88	-88	28	113	
2015/16-1	Lab	srgt LCS	9/25/2015	Organic	p-Terphenyl-d14	n/a	=	22.5	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/25/2015	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	28	113	
2015/16-1	Lab	srgt LCS dup	9/25/2015	Organic	p-Terphenyl-d14	n/a	=	20	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/25/2015	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	28	113	
2015/16-1	Lab	srgt method blank	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.75	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2015/16-1	Lab	srgt LCS	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	3.94	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 8270C	-88	-88	19	134	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	srgt LCS dup	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.31	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270C	-88	-88	19	134	
2015/16-1	Lab	srgt method blank	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.61	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270C	-88	-88	19	134	
2015/16-1	Lab	srgt LCS	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.09	µg/L	EPA 8270C	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 8270C	-88	-88	19	134	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	13.2	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 625	-88	-88	28	113	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	13.8	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 625	-88	-88	28	113	
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	14	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	56	%	EPA 625	-88	-88	28	113	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	14	µg/L	EPA 625	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	56	%	EPA 625	-88	-88	28	113	
2015/16-1	ME-CC	srgt environ	9/25/2015	Organic	p-Terphenyl-d14	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/25/2015	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625	-88	-88	28	113	
2015/16-1	ME-CC	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.27	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2015/16-1	ME-VR2	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	2.93	µg/L	EPA 8270C	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	59	%	EPA 8270C	-88	-88	19	134	
2015/16-1	ME-VR2	srgt environ	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	12.7	µg/L	EPA 625	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	51	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-CAM	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.88	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-CAM	srgt environ	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	11.9	µg/L	EPA 625	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	48	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-FIL	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.41	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-FIL	srgt environ	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-HUE	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.35	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-HUE	srgt environ	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	13.7	µg/L	EPA 625	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-MPK	srgt matrix spike	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	3.61	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt matrix spike, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-MPK	srgt matrix spike dup	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	3.27	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt matrix spike dup, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-MPK	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.32	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-MPK	srgt environ	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-OXN	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.66	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-OXN	srgt environ	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-SIM	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.7	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-SIM	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-SIM	srgt environ	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-SPA	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.35	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-SPA	srgt environ	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	12.4	µg/L	EPA 625	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	50	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-THO	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.46	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-THO	srgt environ	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	51	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-VEN	srgt environ	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	4.65	µg/L	EPA 8270C	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/26/2015	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2015/16-1	MO-VEN	srgt environ	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	12.4	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	49	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-VEN	srgt matrix spike	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	11.3	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 625	-88	-88	28	113	
2015/16-1	MO-VEN	srgt matrix spike dup	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2015/16-1	MO-VEN	srgt matrix spike dup, rec	10/1/2015	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	28	113	
2015/16-1	Lab	method blank	9/25/2015	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	LCS	9/25/2015	Organic	Pyrene	n/a	=	21.9	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Organic	Pyrene	n/a	=	87	%	EPA 625	-88	-88	52	115	
2015/16-1	Lab	LCS dup	9/25/2015	Organic	Pyrene	n/a	=	19.6	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Organic	Pyrene	n/a	=	79	%	EPA 625	-88	-88	52	115	
2015/16-1	Lab	LCS, RPD	9/25/2015	Organic	Pyrene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Pyrene	n/a	=	7.61	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Pyrene	n/a	=	76	%	EPA 8270C	-88	-88	26	128	
2015/16-1	Lab	LCS dup	9/26/2015	Organic	Pyrene	n/a	=	8.83	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS dup, rec	9/26/2015	Organic	Pyrene	n/a	=	88	%	EPA 8270C	-88	-88	26	128	
2015/16-1	Lab	LCS, RPD	9/26/2015	Organic	Pyrene	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2015/16-1	Lab	method blank	9/26/2015	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS	9/26/2015	Organic	Pyrene	n/a	=	9.36	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	Lab	LCS, rec	9/26/2015	Organic	Pyrene	n/a	=	94	%	EPA 8270C	-88	-88	26	128	
2015/16-1	Lab	method blank	10/1/2015	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	LCS	10/1/2015	Organic	Pyrene	n/a	=	22.2	µg/L	EPA 625	0.25	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Organic	Pyrene	n/a	=	89	%	EPA 625	-88	-88	52	115	
2015/16-1	MO-MPK	matrix spike	9/26/2015	Organic	Pyrene	n/a	=	7.86	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike, rec	9/26/2015	Organic	Pyrene	n/a	=	75	%	EPA 8270C	-88	-88	15	130	
2015/16-1	MO-MPK	matrix spike dup	9/26/2015	Organic	Pyrene	n/a	=	6.77	µg/L	EPA 8270C	0.1	0.1			
2015/16-1	MO-MPK	matrix spike dup, rec	9/26/2015	Organic	Pyrene	n/a	=	68	%	EPA 8270C	-88	-88	15	130	
2015/16-1	MO-MPK	matrix spike, RPD	9/26/2015	Organic	Pyrene	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Organic	Pyrene	n/a	=	17.7	µg/L	EPA 625	0.5	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Organic	Pyrene	n/a	=	71	%	EPA 625	-88	-88	52	115	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Organic	Pyrene	n/a	=	20.8	µg/L	EPA 625	0.5	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Organic	Pyrene	n/a	=	83	%	EPA 625	-88	-88	52	115	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Organic	Pyrene	n/a	=	16	%	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	
2015/16-1	Lab	srgt method blank	9/23/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0576	µg/L	EPA 608	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/23/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	58	%	EPA 608	-88	-88	12	117	
2015/16-1	Lab	srgt LCS	9/23/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0558	µg/L	EPA 608	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/23/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608	-88	-88	12	117	
2015/16-1	Lab	srgt LCS dup	9/23/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0574	µg/L	EPA 608	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/23/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	12	117	
2015/16-1	Lab	srgt method blank	9/28/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0653	µg/L	EPA 608	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/28/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608	-88	-88	12	117	
2015/16-1	Lab	srgt LCS	9/28/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0692	µg/L	EPA 608	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/28/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608	-88	-88	12	117	
2015/16-1	ME-CC	srgt environ	9/24/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.026	µg/L	EPA 608	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/24/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	26	%	EPA 608	-88	-88	12	117	
2015/16-1	ME-VR2	srgt environ	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0456	µg/L	EPA 608	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-CAM	srgt matrix spike	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0444	µg/L	EPA 608	-88	-88			
2015/16-1	MO-CAM	srgt matrix spike, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	44	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-CAM	srgt matrix spike dup	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0462	µg/L	EPA 608	-88	-88			
2015/16-1	MO-CAM	srgt matrix spike dup, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-CAM	srgt environ	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0421	µg/L	EPA 608	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	42	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-FIL	srgt environ	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.043	µg/L	EPA 608	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	43	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-HUE	srgt environ	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0369	µg/L	EPA 608	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	37	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-MPK	srgt environ	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0383	µg/L	EPA 608	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	38	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-OXN	srgt environ	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.048	µg/L	EPA 608	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	48	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-SIM	srgt environ	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0382	µg/L	EPA 608	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	38	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-SPA	srgt environ	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0626	µg/L	EPA 608	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-THO	srgt environ	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0429	µg/L	EPA 608	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	43	%	EPA 608	-88	-88	12	117	
2015/16-1	MO-VEN	srgt environ	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0421	µg/L	EPA 608	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/29/2015	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	42	%	EPA 608	-88	-88	12	117	
2015/16-1	Lab	srgt LCS	9/21/2015	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/21/2015	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-1	Lab	srgt LCS dup	9/21/2015	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/21/2015	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-1	Lab	srgt method blank	9/21/2015	Organic	Toluene-d8	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/21/2015	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2015/16-1	ME-CC	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-1	ME-VR2	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	103	%	EPA 624	-88	-88	92	112	
2015/16-1	MO-CAM	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-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	
2015/16-1	MO-CAM	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-1	MO-FIL	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-1	MO-HUE	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-1	MO-MPK	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-1	MO-OXN	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-1	MO-SIM	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-1	MO-SPA	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-1	MO-THO	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-1	MO-VEN	srgt environ	9/22/2015	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/22/2015	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-1	000NONPJ	srgt matrix spike	10/2/2015	Organic	Triphenylphosphate	n/a	=	2.68	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	000NONPJ	srgt matrix spike, rec	10/2/2015	Organic	Triphenylphosphate	n/a	=	536	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-1	000NONPJ	srgt matrix spike dup	10/2/2015	Organic	Triphenylphosphate	n/a	=	1.27	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	000NONPJ	srgt matrix spike dup, rec	10/2/2015	Organic	Triphenylphosphate	n/a	=	254	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-1	Lab	srgt method blank	9/25/2015	Organic	Triphenylphosphate	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/25/2015	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	149	
2015/16-1	Lab	srgt LCS	9/25/2015	Organic	Triphenylphosphate	n/a	=	6.46	µg/L	EPA 525.2	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/25/2015	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	149	
2015/16-1	Lab	srgt method blank	9/30/2015	Organic	Triphenylphosphate	n/a	=	7	µg/L	EPA 525.2	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/30/2015	Organic	Triphenylphosphate	n/a	=	140	%	EPA 525.2	-88	-88	70	149	
2015/16-1	Lab	srgt LCS	9/30/2015	Organic	Triphenylphosphate	n/a	=	8.7	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	Lab	srgt LCS, rec	9/30/2015	Organic	Triphenylphosphate	n/a	=	174	%	EPA 525.2	-88	-88	70	149	GN
2015/16-1	Lab	srgt LCS dup	9/30/2015	Organic	Triphenylphosphate	n/a	=	8.15	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	Lab	srgt LCS dup, rec	9/30/2015	Organic	Triphenylphosphate	n/a	=	163	%	EPA 525.2	-88	-88	70	149	GN
2015/16-1	Lab	srgt method blank	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.531	µg/L	EPA 525.2m	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2m	-88	-88	40	163	
2015/16-1	Lab	srgt LCS	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.643	µg/L	EPA 525.2m	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2m	-88	-88	40	163	
2015/16-1	Lab	srgt method blank	10/2/2015	Organic	Triphenylphosphate	n/a	=	0.665	µg/L	EPA 525.2m	-88	-88			
2015/16-1	Lab	srgt method blank, rec	10/2/2015	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2m	-88	-88	40	163	
2015/16-1	Lab	srgt LCS	10/2/2015	Organic	Triphenylphosphate	n/a	=	0.783	µg/L	EPA 525.2m	-88	-88			
2015/16-1	Lab	srgt LCS, rec	10/2/2015	Organic	Triphenylphosphate	n/a	=	157	%	EPA 525.2m	-88	-88	40	163	
2015/16-1	ME-CC	srgt environ	9/30/2015	Organic	Triphenylphosphate	n/a	=	7.81	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	ME-CC	srgt environ, rec	9/30/2015	Organic	Triphenylphosphate	n/a	=	156	%	EPA 525.2	-88	-88	70	149	GN
2015/16-1	ME-CC	srgt environ	10/2/2015	Organic	Triphenylphosphate	n/a	=	1	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	ME-CC	srgt environ, rec	10/2/2015	Organic	Triphenylphosphate	n/a	=	200	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-1	ME-VR2	srgt environ	9/25/2015	Organic	Triphenylphosphate	n/a	=	6.9	µg/L	EPA 525.2	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/25/2015	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	149	
2015/16-1	ME-VR2	srgt environ	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.672	µg/L	EPA 525.2m	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2m	-88	-88	40	163	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-CAM	srgt environ	9/26/2015	Organic	Triphenylphosphate	n/a	=	2.8	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	MO-CAM	srgt environ, rec	9/26/2015	Organic	Triphenylphosphate	n/a	=	56	%	EPA 525.2	-88	-88	70	149	GN
2015/16-1	MO-CAM	srgt environ	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.767	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	153	%	EPA 525.2m	-88	-88	40	163	
2015/16-1	MO-FIL	srgt environ	9/26/2015	Organic	Triphenylphosphate	n/a	=	4.05	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/26/2015	Organic	Triphenylphosphate	n/a	=	81	%	EPA 525.2	-88	-88	70	149	
2015/16-1	MO-FIL	srgt environ	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.851	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	MO-FIL	srgt environ, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	170	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-1	MO-HUE	srgt environ	9/26/2015	Organic	Triphenylphosphate	n/a	=	7.5	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	MO-HUE	srgt environ, rec	9/26/2015	Organic	Triphenylphosphate	n/a	=	150	%	EPA 525.2	-88	-88	70	149	GN
2015/16-1	MO-HUE	srgt environ	10/1/2015	Organic	Triphenylphosphate	n/a	=	1.13	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	MO-HUE	srgt environ, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	226	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-1	MO-MPK	srgt environ	9/26/2015	Organic	Triphenylphosphate	n/a	=	2.6	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	MO-MPK	srgt environ, rec	9/26/2015	Organic	Triphenylphosphate	n/a	=	52	%	EPA 525.2	-88	-88	70	149	GN
2015/16-1	MO-MPK	srgt environ	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.953	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	MO-MPK	srgt environ, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	191	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-1	MO-OXN	srgt environ	9/26/2015	Organic	Triphenylphosphate	n/a	=	3.43	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	MO-OXN	srgt environ, rec	9/26/2015	Organic	Triphenylphosphate	n/a	=	69	%	EPA 525.2	-88	-88	70	149	GN
2015/16-1	MO-OXN	srgt environ	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.774	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	155	%	EPA 525.2m	-88	-88	40	163	
2015/16-1	MO-SIM	srgt environ	9/26/2015	Organic	Triphenylphosphate	n/a	=	3.67	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/26/2015	Organic	Triphenylphosphate	n/a	=	73	%	EPA 525.2	-88	-88	70	149	
2015/16-1	MO-SIM	srgt matrix spike	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.812	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-SIM	srgt matrix spike, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	162	%	EPA 525.2m	-88	-88	40	163	
2015/16-1	MO-SIM	srgt matrix spike dup	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.934	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	MO-SIM	srgt matrix spike dup, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	187	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-1	MO-SIM	srgt environ	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.909	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	MO-SIM	srgt environ, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	182	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-1	MO-SPA	srgt environ	9/26/2015	Organic	Triphenylphosphate	n/a	=	1.52	µg/L	EPA 525.2	-88	-88			GN
2015/16-1	MO-SPA	srgt environ, rec	9/26/2015	Organic	Triphenylphosphate	n/a	=	30	%	EPA 525.2	-88	-88	70	149	GN
2015/16-1	MO-SPA	srgt environ	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.761	µg/L	EPA 525.2m	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	152	%	EPA 525.2m	-88	-88	40	163	
2015/16-1	MO-THO	srgt matrix spike	9/25/2015	Organic	Triphenylphosphate	n/a	=	27.6	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-THO	srgt matrix spike, rec	9/25/2015	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	149	
2015/16-1	MO-THO	srgt matrix spike dup	9/25/2015	Organic	Triphenylphosphate	n/a	=	28.3	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-THO	srgt matrix spike dup, rec	9/25/2015	Organic	Triphenylphosphate	n/a	=	142	%	EPA 525.2	-88	-88	70	149	
2015/16-1	MO-THO	srgt environ	9/26/2015	Organic	Triphenylphosphate	n/a	=	6.77	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/26/2015	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	70	149	
2015/16-1	MO-THO	srgt environ	10/1/2015	Organic	Triphenylphosphate	n/a	=	1.29	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	MO-THO	srgt environ, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	259	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-1	MO-VEN	srgt environ	9/26/2015	Organic	Triphenylphosphate	n/a	=	3.78	µg/L	EPA 525.2	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/26/2015	Organic	Triphenylphosphate	n/a	=	76	%	EPA 525.2	-88	-88	70	149	
2015/16-1	MO-VEN	srgt environ	10/1/2015	Organic	Triphenylphosphate	n/a	=	0.918	µg/L	EPA 525.2m	-88	-88			GN
2015/16-1	MO-VEN	srgt environ, rec	10/1/2015	Organic	Triphenylphosphate	n/a	=	184	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-1	Lab	srgt method blank	9/23/2015	PCB	PCB 209	n/a	=	0.0717	µg/L	EPA 608	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/23/2015	PCB	PCB 209	n/a	=	72	%	EPA 608	-88	-88	0.1	118	
2015/16-1	Lab	srgt LCS	9/23/2015	PCB	PCB 209	n/a	=	0.0715	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	
2015/16-1	Lab	srgt LCS, rec	9/23/2015	PCB	PCB 209	n/a	=	72	%	EPA 608	-88	-88	0.1	118	
2015/16-1	Lab	srgt LCS dup	9/23/2015	PCB	PCB 209	n/a	=	0.071	µg/L	EPA 608	-88	-88			
2015/16-1	Lab	srgt LCS dup, rec	9/23/2015	PCB	PCB 209	n/a	=	71	%	EPA 608	-88	-88	0.1	118	
2015/16-1	Lab	srgt method blank	9/28/2015	PCB	PCB 209	n/a	=	0.074	µg/L	EPA 608	-88	-88			
2015/16-1	Lab	srgt method blank, rec	9/28/2015	PCB	PCB 209	n/a	=	74	%	EPA 608	-88	-88	0.1	118	
2015/16-1	Lab	srgt LCS	9/28/2015	PCB	PCB 209	n/a	=	0.0761	µg/L	EPA 608	-88	-88			
2015/16-1	Lab	srgt LCS, rec	9/28/2015	PCB	PCB 209	n/a	=	76	%	EPA 608	-88	-88	0.1	118	
2015/16-1	ME-CC	srgt environ	9/24/2015	PCB	PCB 209	n/a	=	0.0771	µg/L	EPA 608	-88	-88			
2015/16-1	ME-CC	srgt environ, rec	9/24/2015	PCB	PCB 209	n/a	=	77	%	EPA 608	-88	-88	0.1	118	
2015/16-1	ME-VR2	srgt environ	9/29/2015	PCB	PCB 209	n/a	=	0.046	µg/L	EPA 608	-88	-88			
2015/16-1	ME-VR2	srgt environ, rec	9/29/2015	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-CAM	srgt matrix spike	9/29/2015	PCB	PCB 209	n/a	=	0.0301	µg/L	EPA 608	-88	-88			
2015/16-1	MO-CAM	srgt matrix spike, rec	9/29/2015	PCB	PCB 209	n/a	=	30	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-CAM	srgt matrix spike dup	9/29/2015	PCB	PCB 209	n/a	=	0.0375	µg/L	EPA 608	-88	-88			
2015/16-1	MO-CAM	srgt matrix spike dup, rec	9/29/2015	PCB	PCB 209	n/a	=	38	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-CAM	srgt environ	9/29/2015	PCB	PCB 209	n/a	=	0.028	µg/L	EPA 608	-88	-88			
2015/16-1	MO-CAM	srgt environ, rec	9/29/2015	PCB	PCB 209	n/a	=	28	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-FIL	srgt environ	9/29/2015	PCB	PCB 209	n/a	=	0.0374	µg/L	EPA 608	-88	-88			
2015/16-1	MO-FIL	srgt environ, rec	9/29/2015	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-HUE	srgt environ	9/29/2015	PCB	PCB 209	n/a	=	0.0406	µg/L	EPA 608	-88	-88			
2015/16-1	MO-HUE	srgt environ, rec	9/29/2015	PCB	PCB 209	n/a	=	41	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-MPK	srgt environ	9/29/2015	PCB	PCB 209	n/a	=	0.03	µg/L	EPA 608	-88	-88			
2015/16-1	MO-MPK	srgt environ, rec	9/29/2015	PCB	PCB 209	n/a	=	30	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-OXN	srgt environ	9/29/2015	PCB	PCB 209	n/a	=	0.0362	µg/L	EPA 608	-88	-88			
2015/16-1	MO-OXN	srgt environ, rec	9/29/2015	PCB	PCB 209	n/a	=	36	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-SIM	srgt environ	9/29/2015	PCB	PCB 209	n/a	=	0.0368	µg/L	EPA 608	-88	-88			
2015/16-1	MO-SIM	srgt environ, rec	9/29/2015	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-SPA	srgt environ	9/29/2015	PCB	PCB 209	n/a	=	0.0335	µg/L	EPA 608	-88	-88			
2015/16-1	MO-SPA	srgt environ, rec	9/29/2015	PCB	PCB 209	n/a	=	34	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-THO	srgt environ	9/29/2015	PCB	PCB 209	n/a	=	0.039	µg/L	EPA 608	-88	-88			
2015/16-1	MO-THO	srgt environ, rec	9/29/2015	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	118	
2015/16-1	MO-VEN	srgt environ	9/29/2015	PCB	PCB 209	n/a	=	0.0368	µg/L	EPA 608	-88	-88			
2015/16-1	MO-VEN	srgt environ, rec	9/29/2015	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	118	
2015/16-1	Lab	method blank	9/23/2015	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-1	Lab	method blank	9/28/2015	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-1	Lab	method blank	9/23/2015	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-1	Lab	method blank	9/28/2015	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-1	Lab	method blank	9/23/2015	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-1	Lab	method blank	9/28/2015	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-1	Lab	method blank	9/23/2015	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-1	Lab	method blank	9/28/2015	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-1	Lab	method blank	9/23/2015	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-1	Lab	method blank	9/28/2015	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-1	Lab	method blank	9/23/2015	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-1	Lab	method blank	9/28/2015	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-1	Lab	method blank	9/23/2015	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-1	Lab	method blank	9/28/2015	PCB	PCB Aroclor 1260	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	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	2,4,5-T	n/a	=	4.62	µg/L	EPA 515.3	0.07	0.2			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	2,4,5-T	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	2,4,5-T	n/a	=	4.11	µg/L	EPA 515.3	0.07	0.2			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	2,4,5-T	n/a	=	4.46	µg/L	EPA 515.3	0.07	0.2			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	2,4,5-T	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	2,4,5-T	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	2,4,5-T	n/a	=	6.57	µg/L	EPA 515.3	0.07	0.2			GB
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	2,4,5-T	n/a	=	164	%	EPA 515.3	-88	-88	70	130	GB
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	2,4,5-T	n/a	=	6.82	µg/L	EPA 515.3	0.07	0.2			GB
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	2,4,5-T	n/a	=	171	%	EPA 515.3	-88	-88	70	130	GB
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	2,4,5-T	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	2,4,5-TP	n/a	=	4.37	µg/L	EPA 515.3	0.09	0.2			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	2,4,5-TP	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	2,4,5-TP	n/a	=	4.08	µg/L	EPA 515.3	0.09	0.2			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	2,4,5-TP	n/a	=	4.2	µg/L	EPA 515.3	0.09	0.2			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	2,4,5-TP	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	2,4,5-TP	n/a	=	4.57	µg/L	EPA 515.3	0.09	0.2			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	2,4,5-TP	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	2,4,5-TP	n/a	=	4.58	µg/L	EPA 515.3	0.09	0.2			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	2,4,5-TP	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	2,4,5-TP	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	2,4-D	n/a	=	9.76	µg/L	EPA 515.3	0.07	0.4			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	2,4-D	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	2,4-D	n/a	=	9.02	µg/L	EPA 515.3	0.07	0.4			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	2,4-D	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	2,4-D	n/a	=	9.72	µg/L	EPA 515.3	0.07	0.4			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	2,4-D	n/a	=	122	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	2,4-D	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	2,4-D	n/a	=	13.2	µg/L	EPA 515.3	0.07	0.4			GB
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	2,4-D	n/a	=	166	%	EPA 515.3	-88	-88	70	130	GB
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	2,4-D	n/a	=	13.8	µg/L	EPA 515.3	0.07	0.4			GB
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	2,4-D	n/a	=	172	%	EPA 515.3	-88	-88	70	130	GB
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	2,4-D	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	2,4-DB	n/a	=	18.7	µg/L	EPA 515.3	0.07	2			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	2,4-DB	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	2,4-DB	n/a	=	16.8	µg/L	EPA 515.3	0.07	2			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	2,4-DB	n/a	=	17.5	µg/L	EPA 515.3	0.07	2			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	2,4-DB	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	2,4-DB	n/a	=	4	%	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	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	2,4-DB	n/a	=	27.3	µg/L	EPA 515.3	0.07	2			GB
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	2,4-DB	n/a	=	171	%	EPA 515.3	-88	-88	70	130	GB
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	2,4-DB	n/a	=	34.7	µg/L	EPA 515.3	0.07	2			GB
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	2,4-DB	n/a	=	217	%	EPA 515.3	-88	-88	70	130	GB
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	2,4-DB	n/a	=	24	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.4	µg/L	EPA 515.3	0.09	1			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.05	µg/L	EPA 515.3	0.09	1			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.26	µg/L	EPA 515.3	0.09	1			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.23	µg/L	EPA 515.3	0.09	1			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	9.1	µg/L	EPA 515.3	0.09	1			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	4,4'-DDD	n/a	=	0.0737	µg/L	EPA 608	0.003	0.05			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	4,4'-DDD	n/a	=	74	%	EPA 608	-88	-88	42	133	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	4,4'-DDD	n/a	=	0.0726	µg/L	EPA 608	0.003	0.05			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	4,4'-DDD	n/a	=	73	%	EPA 608	-88	-88	42	133	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	4,4'-DDD	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	4,4'-DDD	n/a	=	0.0809	µg/L	EPA 608	0.003	0.05			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	4,4'-DDD	n/a	=	81	%	EPA 608	-88	-88	42	133	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	4,4'-DDD	n/a	=	0.0515	µg/L	EPA 608	0.003	0.05			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	4,4'-DDD	n/a	=	51	%	EPA 608	-88	-88	23	124	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	4,4'-DDD	n/a	DNQ	0.0447	µg/L	EPA 608	0.003	0.05			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	4,4'-DDD	n/a	=	45	%	EPA 608	-88	-88	23	124	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	4,4'-DDD	n/a	=	14	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	4,4'-DDE	n/a	=	0.0727	µg/L	EPA 608	0.0025	0.05			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	4,4'-DDE	n/a	=	73	%	EPA 608	-88	-88	33	126	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	4,4'-DDE	n/a	=	0.0718	µg/L	EPA 608	0.0025	0.05			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	4,4'-DDE	n/a	=	72	%	EPA 608	-88	-88	33	126	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	4,4'-DDE	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	4,4'-DDE	n/a	=	0.0783	µg/L	EPA 608	0.0025	0.05			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	4,4'-DDE	n/a	=	78	%	EPA 608	-88	-88	33	126	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	4,4'-DDE	n/a	=	0.0746	µg/L	EPA 608	0.0025	0.05			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	4,4'-DDE	n/a	=	75	%	EPA 608	-88	-88	30	114	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	4,4'-DDE	n/a	=	0.0743	µg/L	EPA 608	0.0025	0.05			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	4,4'-DDE	n/a	=	74	%	EPA 608	-88	-88	30	114	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	4,4'-DDE	n/a	=	0.4	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	4,4'-DDT	n/a	<	0.0031	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	
2015/16-1	Lab	LCS	9/23/2015	Pesticide	4,4'-DDT	n/a	=	0.0826	µg/L	EPA 608	0.0031	0.01			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	4,4'-DDT	n/a	=	83	%	EPA 608	-88	-88	35	147	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	4,4'-DDT	n/a	=	0.0815	µg/L	EPA 608	0.0031	0.01			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	4,4'-DDT	n/a	=	82	%	EPA 608	-88	-88	35	147	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	4,4'-DDT	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	4,4'-DDT	n/a	=	0.09	µg/L	EPA 608	0.0031	0.01			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	4,4'-DDT	n/a	=	90	%	EPA 608	-88	-88	35	147	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	4,4'-DDT	n/a	=	0.0509	µg/L	EPA 608	0.0031	0.01			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	4,4'-DDT	n/a	=	51	%	EPA 608	-88	-88	11	151	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	4,4'-DDT	n/a	=	0.044	µg/L	EPA 608	0.0031	0.01			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	4,4'-DDT	n/a	=	44	%	EPA 608	-88	-88	11	151	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	4,4'-DDT	n/a	=	15	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	Acifluorfen	n/a	=	5.22	µg/L	EPA 515.3	0.06	0.4			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	Acifluorfen	n/a	=	130	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	Acifluorfen	n/a	=	4.65	µg/L	EPA 515.3	0.06	0.4			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	Acifluorfen	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	Acifluorfen	n/a	=	5.03	µg/L	EPA 515.3	0.06	0.4			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	Acifluorfen	n/a	=	126	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	Acifluorfen	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	Acifluorfen	n/a	=	3.96	µg/L	EPA 515.3	0.06	0.4			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	Acifluorfen	n/a	=	3.81	µg/L	EPA 515.3	0.06	0.4			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	Acifluorfen	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	Acifluorfen	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Alachlor	n/a	=	5.12	µg/L	EPA 525.2	0.022	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Alachlor	n/a	=	102	%	EPA 525.2	-88	-88	55	124	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Alachlor	n/a	=	3.57	µg/L	EPA 525.2	0.022	0.1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Alachlor	n/a	=	71	%	EPA 525.2	-88	-88	55	124	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Alachlor	n/a	=	4.02	µg/L	EPA 525.2	0.022	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Alachlor	n/a	=	80	%	EPA 525.2	-88	-88	55	124	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Alachlor	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Alachlor	n/a	=	102	µg/L	EPA 525.2	0.088	0.4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Alachlor	n/a	=	509	%	EPA 525.2	-88	-88	44	149	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Alachlor	n/a	=	83.6	µg/L	EPA 525.2	0.088	0.4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Alachlor	n/a	=	418	%	EPA 525.2	-88	-88	44	149	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Alachlor	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	Aldrin	n/a	=	0.0641	µg/L	EPA 608	0.0015	0.005			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	Aldrin	n/a	=	64	%	EPA 608	-88	-88	18	117	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	Aldrin	n/a	=	0.0636	µg/L	EPA 608	0.0015	0.005			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	Aldrin	n/a	=	64	%	EPA 608	-88	-88	18	117	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	Aldrin	n/a	=	0.7	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS	9/28/2015	Pesticide	Aldrin	n/a	=	0.0713	µg/L	EPA 608	0.0015	0.005			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	Aldrin	n/a	=	71	%	EPA 608	-88	-88	18	117	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	Aldrin	n/a	=	0.0465	µg/L	EPA 608	0.0015	0.005			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	Aldrin	n/a	=	47	%	EPA 608	-88	-88	18	110	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	Aldrin	n/a	=	0.0455	µg/L	EPA 608	0.0015	0.005			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	Aldrin	n/a	=	45	%	EPA 608	-88	-88	18	110	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	Aldrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	alpha-BHC	n/a	=	0.0702	µg/L	EPA 608	0.0018	0.01			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	alpha-BHC	n/a	=	70	%	EPA 608	-88	-88	47	119	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	alpha-BHC	n/a	=	0.0682	µg/L	EPA 608	0.0018	0.01			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	alpha-BHC	n/a	=	68	%	EPA 608	-88	-88	47	119	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	alpha-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	alpha-BHC	n/a	=	0.0751	µg/L	EPA 608	0.0018	0.01			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	alpha-BHC	n/a	=	75	%	EPA 608	-88	-88	47	119	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	alpha-BHC	n/a	=	0.0462	µg/L	EPA 608	0.0018	0.01			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	alpha-BHC	n/a	=	46	%	EPA 608	-88	-88	43	114	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	alpha-BHC	n/a	=	0.0431	µg/L	EPA 608	0.0018	0.01			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	alpha-BHC	n/a	=	43	%	EPA 608	-88	-88	43	114	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	alpha-BHC	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-1	Lab	method blank	9/28/2015	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Atrazine	n/a	=	6.07	µg/L	EPA 525.2	0.034	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Atrazine	n/a	=	121	%	EPA 525.2	-88	-88	67	131	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Atrazine	n/a	=	5.36	µg/L	EPA 525.2	0.034	0.1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Atrazine	n/a	=	107	%	EPA 525.2	-88	-88	67	131	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Atrazine	n/a	=	5.6	µg/L	EPA 525.2	0.034	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Atrazine	n/a	=	112	%	EPA 525.2	-88	-88	67	131	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Atrazine	n/a	=	17.4	µg/L	EPA 525.2	0.14	0.4			
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Atrazine	n/a	=	87	%	EPA 525.2	-88	-88	67	145	
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Atrazine	n/a	=	18.5	µg/L	EPA 525.2	0.14	0.4			
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Atrazine	n/a	=	93	%	EPA 525.2	-88	-88	67	145	
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Atrazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Azinphos methyl	n/a	DNQ	0.0067	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Azinphos methyl	n/a	=	13	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Azinphos methyl	n/a	DNQ	0.0082	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Azinphos methyl	n/a	=	16	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Azinphos methyl	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Azinphos methyl	n/a	=	0.0572	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Azinphos methyl	n/a	=	114	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Azinphos methyl	n/a	=	0.0434	µg/L	EPA 525.2m	0.0055	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Azinphos methyl	n/a	=	87	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Azinphos methyl	n/a	=	0.0625	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Azinphos methyl	n/a	=	125	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Azinphos methyl	n/a	=	0.0773	µg/L	EPA 525.2m	0.0055	0.01			GB
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Azinphos methyl	n/a	=	155	%	EPA 525.2m	-88	-88	0.1	154	GB
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Azinphos methyl	n/a	=	21	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	Bentazon	n/a	=	19.8	µg/L	EPA 515.3	0.11	2			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	Bentazon	n/a	=	124	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	Bentazon	n/a	=	18.1	µg/L	EPA 515.3	0.11	2			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	Bentazon	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	Bentazon	n/a	=	19.7	µg/L	EPA 515.3	0.11	2			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	Bentazon	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	Bentazon	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	Bentazon	n/a	=	16.8	µg/L	EPA 515.3	0.11	2			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	Bentazon	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	Bentazon	n/a	=	18.2	µg/L	EPA 515.3	0.11	2			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	Bentazon	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	Bentazon	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	beta-BHC	n/a	=	0.0789	µg/L	EPA 608	0.0031	0.005			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	beta-BHC	n/a	=	79	%	EPA 608	-88	-88	53	123	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	beta-BHC	n/a	=	0.0772	µg/L	EPA 608	0.0031	0.005			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	beta-BHC	n/a	=	77	%	EPA 608	-88	-88	53	123	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	beta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	beta-BHC	n/a	=	0.08	µg/L	EPA 608	0.0031	0.005			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	beta-BHC	n/a	=	80	%	EPA 608	-88	-88	53	123	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	beta-BHC	n/a	=	0.0485	µg/L	EPA 608	0.0031	0.005			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	beta-BHC	n/a	=	48	%	EPA 608	-88	-88	24	135	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	beta-BHC	n/a	=	0.0267	µg/L	EPA 608	0.0031	0.005			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	beta-BHC	n/a	=	27	%	EPA 608	-88	-88	24	135	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	beta-BHC	n/a	=	58	%	EPA 608	-88	-88	0	30	IL
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Bolstar	n/a	DNQ	0.0014	µg/L	EPA 525.2m	0	0.01			GB
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Bolstar	n/a	=	3	%	EPA 525.2m	-88	-88	4	184	GB
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Bolstar	n/a	DNQ	0.0012	µg/L	EPA 525.2m	0	0.01			GB
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Bolstar	n/a	=	2	%	EPA 525.2m	-88	-88	4	184	GB
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Bolstar	n/a	=	200	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Bolstar	n/a	=	0.0361	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Bolstar	n/a	=	72	%	EPA 525.2m	-88	-88	11	166	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Bolstar	n/a	=	0.0345	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Bolstar	n/a	=	69	%	EPA 525.2m	-88	-88	11	166	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Bolstar	n/a	=	0.0721	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Bolstar	n/a	=	144	%	EPA 525.2m	-88	-88	4	184	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Bolstar	n/a	=	0.072	µg/L	EPA 525.2m	0.0046	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Bolstar	n/a	=	144	%	EPA 525.2m	-88	-88	4	184	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Bolstar	n/a	=	0.2	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Bromacil	n/a	=	5.37	µg/L	EPA 525.2	0.038	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	62	139	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Bromacil	n/a	=	4.48	µg/L	EPA 525.2	0.038	1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Bromacil	n/a	=	90	%	EPA 525.2	-88	-88	62	139	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Bromacil	n/a	=	4.34	µg/L	EPA 525.2	0.038	1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Bromacil	n/a	=	87	%	EPA 525.2	-88	-88	62	139	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Bromacil	n/a	=	94.3	µg/L	EPA 525.2	0.15	4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Bromacil	n/a	=	472	%	EPA 525.2	-88	-88	60	160	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Bromacil	n/a	=	91.1	µg/L	EPA 525.2	0.15	4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Bromacil	n/a	=	456	%	EPA 525.2	-88	-88	60	160	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Butachlor	n/a	=	5.34	µg/L	EPA 525.2	0.017	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Butachlor	n/a	=	107	%	EPA 525.2	-88	-88	61	127	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Butachlor	n/a	=	3.58	µg/L	EPA 525.2	0.017	0.2			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Butachlor	n/a	=	72	%	EPA 525.2	-88	-88	61	127	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Butachlor	n/a	=	4.09	µg/L	EPA 525.2	0.017	0.2			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Butachlor	n/a	=	82	%	EPA 525.2	-88	-88	61	127	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Butachlor	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Butachlor	n/a	=	96.4	µg/L	EPA 525.2	0.068	0.8			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Butachlor	n/a	=	482	%	EPA 525.2	-88	-88	53	146	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Butachlor	n/a	=	80.7	µg/L	EPA 525.2	0.068	0.8			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Butachlor	n/a	=	404	%	EPA 525.2	-88	-88	53	146	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Butachlor	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Captan	n/a	=	6.07	µg/L	EPA 525.2	0.86	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Captan	n/a	=	121	%	EPA 525.2	-88	-88	14	159	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Captan	n/a	=	5.43	µg/L	EPA 525.2	0.86	1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Captan	n/a	=	109	%	EPA 525.2	-88	-88	14	159	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Captan	n/a	=	5.18	µg/L	EPA 525.2	0.86	1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Captan	n/a	=	104	%	EPA 525.2	-88	-88	14	159	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Captan	n/a	=	30	µg/L	EPA 525.2	3.4	4			
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Captan	n/a	=	150	%	EPA 525.2	-88	-88	1	183	
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Captan	n/a	=	30.2	µg/L	EPA 525.2	3.4	4			
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Captan	n/a	=	151	%	EPA 525.2	-88	-88	1	183	
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Captan	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Chloropropham	n/a	=	6.13	µg/L	EPA 525.2	0.01	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Chloropropham	n/a	=	123	%	EPA 525.2	-88	-88	77	143	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Chloropropham	n/a	=	5.28	µg/L	EPA 525.2	0.01	0.1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Chloropropham	n/a	=	106	%	EPA 525.2	-88	-88	77	143	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Chloropropham	n/a	=	5.66	µg/L	EPA 525.2	0.01	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Chloropropham	n/a	=	113	%	EPA 525.2	-88	-88	77	143	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Chloropropham	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Chloropropham	n/a	=	27.2	µg/L	EPA 525.2	0.04	0.4			
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Chloropropham	n/a	=	136	%	EPA 525.2	-88	-88	80	156	
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Chloropropham	n/a	=	27.6	µg/L	EPA 525.2	0.04	0.4			
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Chloropropham	n/a	=	138	%	EPA 525.2	-88	-88	80	156	
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Chloropropham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Chlorpyrifos	n/a	=	0.033	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Chlorpyrifos	n/a	=	66	%	EPA 525.2m	-88	-88	37	168	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Chlorpyrifos	n/a	=	0.0228	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Chlorpyrifos	n/a	=	46	%	EPA 525.2m	-88	-88	37	168	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Chlorpyrifos	n/a	=	36	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Chlorpyrifos	n/a	=	0.0436	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Chlorpyrifos	n/a	=	87	%	EPA 525.2m	-88	-88	37	169	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Chlorpyrifos	n/a	=	0.0524	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Chlorpyrifos	n/a	=	105	%	EPA 525.2m	-88	-88	37	169	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Chlorpyrifos	n/a	=	0.0548	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Chlorpyrifos	n/a	=	110	%	EPA 525.2m	-88	-88	37	168	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Chlorpyrifos	n/a	=	0.0638	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Chlorpyrifos	n/a	=	128	%	EPA 525.2m	-88	-88	37	168	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Chlorpyrifos	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Coumaphos	n/a	DNQ	0.0064	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Coumaphos	n/a	=	13	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Coumaphos	n/a	DNQ	0.0079	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Coumaphos	n/a	=	16	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Coumaphos	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Coumaphos	n/a	=	0.0494	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Coumaphos	n/a	=	99	%	EPA 525.2m	-88	-88	0.1	225	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Coumaphos	n/a	=	0.0384	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Coumaphos	n/a	=	77	%	EPA 525.2m	-88	-88	0.1	225	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Coumaphos	n/a	=	0.0521	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Coumaphos	n/a	=	104	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Coumaphos	n/a	=	0.0665	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Coumaphos	n/a	=	133	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Coumaphos	n/a	=	24	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Cyanazine	n/a	=	5.64	µg/L	EPA 525.2	0.024	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Cyanazine	n/a	=	113	%	EPA 525.2	-88	-88	61	129	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Cyanazine	n/a	=	7.13	µg/L	EPA 525.2	0.024	0.1			EUM
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Cyanazine	n/a	=	143	%	EPA 525.2	-88	-88	61	129	EUM
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Cyanazine	n/a	=	6.18	µg/L	EPA 525.2	0.024	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Cyanazine	n/a	=	124	%	EPA 525.2	-88	-88	61	129	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Cyanazine	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Cyanazine	n/a	=	14	µg/L	EPA 525.2	0.096	0.4			
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Cyanazine	n/a	=	70	%	EPA 525.2	-88	-88	32	142	
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Cyanazine	n/a	=	13.9	µg/L	EPA 525.2	0.096	0.4			
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Cyanazine	n/a	=	70	%	EPA 525.2	-88	-88	32	142	
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Cyanazine	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	Dalapon	n/a	=	9.6	µg/L	EPA 515.3	0.1	0.4			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	Dalapon	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	Dalapon	n/a	=	9.59	µg/L	EPA 515.3	0.1	0.4			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	Dalapon	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	Dalapon	n/a	=	9.55	µg/L	EPA 515.3	0.1	0.4			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	Dalapon	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	Dalapon	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	Dalapon	n/a	=	8.81	µg/L	EPA 515.3	0.1	0.4			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	Dalapon	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	Dalapon	n/a	=	8.76	µg/L	EPA 515.3	0.1	0.4			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	Dalapon	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	Dalapon	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	3.75	µg/L	EPA 515.3	0.07	0.1			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	3.49	µg/L	EPA 515.3	0.07	0.1			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	3.49	µg/L	EPA 515.3	0.07	0.1			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	0	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	3.73	µg/L	EPA 515.3	0.07	0.1			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	3.85	µg/L	EPA 515.3	0.07	0.1			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	delta-BHC	n/a	=	0.0769	µg/L	EPA 608	0.0025	0.005			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	delta-BHC	n/a	=	77	%	EPA 608	-88	-88	51	123	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	delta-BHC	n/a	=	0.0772	µg/L	EPA 608	0.0025	0.005			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	delta-BHC	n/a	=	77	%	EPA 608	-88	-88	51	123	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	delta-BHC	n/a	=	0.4	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	delta-BHC	n/a	=	0.0853	µg/L	EPA 608	0.0025	0.005			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	delta-BHC	n/a	=	85	%	EPA 608	-88	-88	51	123	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	delta-BHC	n/a	=	0.0589	µg/L	EPA 608	0.0025	0.005			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	delta-BHC	n/a	=	59	%	EPA 608	-88	-88	37	122	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	delta-BHC	n/a	=	0.0556	µg/L	EPA 608	0.0025	0.005			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	delta-BHC	n/a	=	56	%	EPA 608	-88	-88	37	122	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	delta-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Demeton-O	n/a	DNQ	0.0057	µg/L	EPA 525.2m	0	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Demeton-O	n/a	=	11	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Demeton-O	n/a	DNQ	0.0033	µg/L	EPA 525.2m	0	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Demeton-O	n/a	=	7	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Demeton-O	n/a	=	200	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Demeton-O	n/a	=	0.0105	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Demeton-O	n/a	=	21	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Demeton-O	n/a	=	0.0202	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Demeton-O	n/a	=	40	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Demeton-O	n/a	=	0.0555	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Demeton-O	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Demeton-O	n/a	=	0.0476	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Demeton-O	n/a	=	95	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Demeton-O	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Demeton-S	n/a	DNQ	0.0067	µg/L	EPA 525.2m	0	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Demeton-S	n/a	=	13	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Demeton-S	n/a	DNQ	0.0021	µg/L	EPA 525.2m	0	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Demeton-S	n/a	=	4	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Demeton-S	n/a	=	200	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Demeton-S	n/a	=	0.0329	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Demeton-S	n/a	=	66	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Demeton-S	n/a	=	0.0335	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Demeton-S	n/a	=	67	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Demeton-S	n/a	=	0.11	µg/L	EPA 525.2m	0.01	0.01			GB
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Demeton-S	n/a	=	221	%	EPA 525.2m	-88	-88	0.1	207	GB
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Demeton-S	n/a	=	0.082	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Demeton-S	n/a	=	164	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Demeton-S	n/a	=	29	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Diazinon	n/a	=	0.0281	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Diazinon	n/a	=	56	%	EPA 525.2m	-88	-88	36	153	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Diazinon	n/a	=	0.0215	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Diazinon	n/a	=	43	%	EPA 525.2m	-88	-88	36	153	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Diazinon	n/a	=	27	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Diazinon	n/a	=	4.16	µg/L	EPA 525.2	0.096	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Diazinon	n/a	=	83	%	EPA 525.2	-88	-88	30	120	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Diazinon	n/a	=	3	µg/L	EPA 525.2	0.096	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	
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Diazinon	n/a	=	60	%	EPA 525.2	-88	-88	30	120	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Diazinon	n/a	=	2.42	µg/L	EPA 525.2	0.096	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Diazinon	n/a	=	48	%	EPA 525.2	-88	-88	30	120	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Diazinon	n/a	=	21	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Diazinon	n/a	=	0.0222	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Diazinon	n/a	=	44	%	EPA 525.2m	-88	-88	43	152	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Diazinon	n/a	=	0.0443	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Diazinon	n/a	=	89	%	EPA 525.2m	-88	-88	43	152	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Diazinon	n/a	=	0.0555	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Diazinon	n/a	=	111	%	EPA 525.2m	-88	-88	36	153	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Diazinon	n/a	=	0.0458	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Diazinon	n/a	=	92	%	EPA 525.2m	-88	-88	36	153	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Diazinon	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Diazinon	n/a	=	47.6	µg/L	EPA 525.2	0.38	0.4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Diazinon	n/a	=	238	%	EPA 525.2	-88	-88	21	153	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Diazinon	n/a	=	43.6	µg/L	EPA 525.2	0.38	0.4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Diazinon	n/a	=	218	%	EPA 525.2	-88	-88	21	153	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Diazinon	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	Dicamba	n/a	=	8.46	µg/L	EPA 515.3	0.12	0.6			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	Dicamba	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	Dicamba	n/a	=	8.32	µg/L	EPA 515.3	0.12	0.6			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	Dicamba	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	Dicamba	n/a	=	8.8	µg/L	EPA 515.3	0.12	0.6			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	Dicamba	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	Dicamba	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	Dicamba	n/a	=	8.49	µg/L	EPA 515.3	0.12	0.6			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	Dicamba	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	Dicamba	n/a	=	8.35	µg/L	EPA 515.3	0.12	0.6			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	Dicamba	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	Dichlorprop	n/a	=	9.26	µg/L	EPA 515.3	0.08	0.3			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	Dichlorprop	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	Dichlorprop	n/a	=	8.94	µg/L	EPA 515.3	0.08	0.3			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	Dichlorprop	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	Dichlorprop	n/a	=	9.32	µg/L	EPA 515.3	0.08	0.3			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	Dichlorprop	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	Dichlorprop	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	Dichlorprop	n/a	=	8.71	µg/L	EPA 515.3	0.08	0.3			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	Dichlorprop	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	Dichlorprop	n/a	=	8.73	µg/L	EPA 515.3	0.08	0.3			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	Dichlorprop	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	Dichlorprop	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Dichlorvos	n/a	=	0.581	µg/L	EPA 525.2m	0.0029	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	
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Dichlorvos	n/a	=	1160	%	EPA 525.2m	-88	-88	42	137	GB
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Dichlorvos	n/a	=	0.137	µg/L	EPA 525.2m	0.0029	0.01			GB
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Dichlorvos	n/a	=	274	%	EPA 525.2m	-88	-88	42	137	GB
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Dichlorvos	n/a	=	124	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Dichlorvos	n/a	=	0.0454	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Dichlorvos	n/a	=	91	%	EPA 525.2m	-88	-88	46	133	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Dichlorvos	n/a	=	0.0458	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Dichlorvos	n/a	=	92	%	EPA 525.2m	-88	-88	46	133	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Dichlorvos	n/a	=	0.0554	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Dichlorvos	n/a	=	111	%	EPA 525.2m	-88	-88	42	137	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Dichlorvos	n/a	=	0.0478	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Dichlorvos	n/a	=	96	%	EPA 525.2m	-88	-88	42	137	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Dichlorvos	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	Dieldrin	n/a	=	0.0702	µg/L	EPA 608	0.0021	0.01			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	Dieldrin	n/a	=	70	%	EPA 608	-88	-88	48	123	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	Dieldrin	n/a	=	0.0682	µg/L	EPA 608	0.0021	0.01			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	Dieldrin	n/a	=	68	%	EPA 608	-88	-88	48	123	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	Dieldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	Dieldrin	n/a	=	0.0756	µg/L	EPA 608	0.0021	0.01			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	Dieldrin	n/a	=	76	%	EPA 608	-88	-88	48	123	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	Dieldrin	n/a	=	0.0423	µg/L	EPA 608	0.0021	0.01			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	Dieldrin	n/a	=	42	%	EPA 608	-88	-88	27	132	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	Dieldrin	n/a	=	0.04	µg/L	EPA 608	0.0021	0.01			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	Dieldrin	n/a	=	40	%	EPA 608	-88	-88	27	132	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	Dieldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Dimethoate	n/a	=	0.0418	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Dimethoate	n/a	=	84	%	EPA 525.2m	-88	-88	4	222	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Dimethoate	n/a	=	0.0268	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Dimethoate	n/a	=	54	%	EPA 525.2m	-88	-88	4	222	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Dimethoate	n/a	=	44	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Dimethoate	n/a	=	3.65	µg/L	EPA 525.2	0.024	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Dimethoate	n/a	=	73	%	EPA 525.2	-88	-88	38	102	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Dimethoate	n/a	=	2.34	µg/L	EPA 525.2	0.024	0.2			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Dimethoate	n/a	=	47	%	EPA 525.2	-88	-88	38	102	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Dimethoate	n/a	=	3.85	µg/L	EPA 525.2	0.024	0.2			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Dimethoate	n/a	=	77	%	EPA 525.2	-88	-88	38	102	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Dimethoate	n/a	=	49	%	EPA 525.2	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Dimethoate	n/a	=	0.0313	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Dimethoate	n/a	=	63	%	EPA 525.2m	-88	-88	10	234	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Dimethoate	n/a	=	0.0347	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Dimethoate	n/a	=	69	%	EPA 525.2m	-88	-88	10	234	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Dimethoate	n/a	=	0.0511	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Dimethoate	n/a	=	102	%	EPA 525.2m	-88	-88	4	222	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Dimethoate	n/a	=	0.0538	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Dimethoate	n/a	=	108	%	EPA 525.2m	-88	-88	4	222	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Dimethoate	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Dimethoate	n/a	=	15.1	µg/L	EPA 525.2	0.096	0.8			
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Dimethoate	n/a	=	76	%	EPA 525.2	-88	-88	40	132	
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Dimethoate	n/a	=	15.4	µg/L	EPA 525.2	0.096	0.8			
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Dimethoate	n/a	=	77	%	EPA 525.2	-88	-88	40	132	
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	Dinoseb	n/a	=	4.33	µg/L	EPA 515.3	0.14	0.4			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	Dinoseb	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	Dinoseb	n/a	=	4.08	µg/L	EPA 515.3	0.14	0.4			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	Dinoseb	n/a	=	4.17	µg/L	EPA 515.3	0.14	0.4			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	Dinoseb	n/a	=	3.83	µg/L	EPA 515.3	0.14	0.4			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	Dinoseb	n/a	=	4.77	µg/L	EPA 515.3	0.14	0.4			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	Dinoseb	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	Dinoseb	n/a	=	22	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Diphenamid	n/a	=	6.38	µg/L	EPA 525.2	0.024	0.1			EUM
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Diphenamid	n/a	=	128	%	EPA 525.2	-88	-88	77	124	EUM
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Diphenamid	n/a	=	6.18	µg/L	EPA 525.2	0.024	0.1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Diphenamid	n/a	=	124	%	EPA 525.2	-88	-88	77	124	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Diphenamid	n/a	=	6.03	µg/L	EPA 525.2	0.024	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Diphenamid	n/a	=	121	%	EPA 525.2	-88	-88	77	124	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Diphenamid	n/a	=	30.1	µg/L	EPA 525.2	0.096	0.4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Diphenamid	n/a	=	151	%	EPA 525.2	-88	-88	80	130	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Diphenamid	n/a	=	28.8	µg/L	EPA 525.2	0.096	0.4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Diphenamid	n/a	=	144	%	EPA 525.2	-88	-88	80	130	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Disulfoton	n/a	DNQ	0.0054	µg/L	EPA 525.2m	0	0.01			GB
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Disulfoton	n/a	=	11	%	EPA 525.2m	-88	-88	12	199	GB
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Disulfoton	n/a	DNQ	0.0027	µg/L	EPA 525.2m	0	0.01			GB
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Disulfoton	n/a	=	5	%	EPA 525.2m	-88	-88	12	199	GB
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Disulfoton	n/a	=	200	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Disulfoton	n/a	DNQ	0.05	µg/L	EPA 525.2	0.031	0.1			IP
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Disulfoton	n/a	=	5.93	µg/L	EPA 525.2	0.031	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Disulfoton	n/a	=	119	%	EPA 525.2	-88	-88	54	156	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Disulfoton	n/a	DNQ	0.05	µg/L	EPA 525.2	0.031	0.1			IP
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Disulfoton	n/a	=	5.63	µg/L	EPA 525.2	0.031	0.1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Disulfoton	n/a	=	113	%	EPA 525.2	-88	-88	54	156	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Disulfoton	n/a	=	5.27	µg/L	EPA 525.2	0.031	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Disulfoton	n/a	=	105	%	EPA 525.2	-88	-88	54	156	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Disulfoton	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Disulfoton	n/a	=	0.032	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Disulfoton	n/a	=	64	%	EPA 525.2m	-88	-88	0.1	212	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Disulfoton	n/a	=	0.0301	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Disulfoton	n/a	=	60	%	EPA 525.2m	-88	-88	0.1	212	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Disulfoton	n/a	=	0.0643	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Disulfoton	n/a	=	129	%	EPA 525.2m	-88	-88	12	199	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Disulfoton	n/a	=	0.0607	µg/L	EPA 525.2m	0.01	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Disulfoton	n/a	=	121	%	EPA 525.2m	-88	-88	12	199	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Disulfoton	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Disulfoton	n/a	=	30.9	µg/L	EPA 525.2	0.12	0.4			
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Disulfoton	n/a	=	155	%	EPA 525.2	-88	-88	24	164	
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Disulfoton	n/a	=	30	µg/L	EPA 525.2	0.12	0.4			
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Disulfoton	n/a	=	150	%	EPA 525.2	-88	-88	24	164	
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	Endosulfan I	n/a	=	0.0621	µg/L	EPA 608	0.0017	0.02			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	Endosulfan I	n/a	=	62	%	EPA 608	-88	-88	14	131	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	Endosulfan I	n/a	=	0.0623	µg/L	EPA 608	0.0017	0.02			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	Endosulfan I	n/a	=	62	%	EPA 608	-88	-88	14	131	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	Endosulfan I	n/a	=	0.4	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	Endosulfan I	n/a	=	0.0672	µg/L	EPA 608	0.0017	0.02			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	Endosulfan I	n/a	=	67	%	EPA 608	-88	-88	14	131	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	Endosulfan I	n/a	=	0.0639	µg/L	EPA 608	0.0017	0.02			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	Endosulfan I	n/a	=	64	%	EPA 608	-88	-88	0.1	140	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	Endosulfan I	n/a	=	0.0591	µg/L	EPA 608	0.0017	0.02			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	Endosulfan I	n/a	=	59	%	EPA 608	-88	-88	0.1	140	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	Endosulfan I	n/a	=	8	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	Endosulfan II	n/a	=	0.0719	µg/L	EPA 608	0.0019	0.01			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	Endosulfan II	n/a	=	72	%	EPA 608	-88	-88	40	121	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	Endosulfan II	n/a	=	0.0649	µg/L	EPA 608	0.0019	0.01			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	Endosulfan II	n/a	=	65	%	EPA 608	-88	-88	40	121	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	Endosulfan II	n/a	=	10	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	Endosulfan II	n/a	=	0.0677	µg/L	EPA 608	0.0019	0.01			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	Endosulfan II	n/a	=	68	%	EPA 608	-88	-88	40	121	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	Endosulfan II	n/a	=	0.0446	µg/L	EPA 608	0.0019	0.01			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	Endosulfan II	n/a	=	45	%	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	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	Endosulfan II	n/a	=	0.0432	µg/L	EPA 608	0.0019	0.01			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	Endosulfan II	n/a	=	43	%	EPA 608	-88	-88	17	122	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	Endosulfan II	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	Endosulfan sulfate	n/a	=	0.077	µg/L	EPA 608	0.008	0.05			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	Endosulfan sulfate	n/a	=	77	%	EPA 608	-88	-88	44	140	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	Endosulfan sulfate	n/a	=	0.0681	µg/L	EPA 608	0.008	0.05			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	Endosulfan sulfate	n/a	=	68	%	EPA 608	-88	-88	44	140	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	Endosulfan sulfate	n/a	=	12	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	Endosulfan sulfate	n/a	=	0.074	µg/L	EPA 608	0.008	0.05			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	Endosulfan sulfate	n/a	=	74	%	EPA 608	-88	-88	44	140	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0303	µg/L	EPA 608	0.008	0.05			GB
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	Endosulfan sulfate	n/a	=	30	%	EPA 608	-88	-88	37	131	GB
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0313	µg/L	EPA 608	0.008	0.05			GB
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	Endosulfan sulfate	n/a	=	31	%	EPA 608	-88	-88	37	131	GB
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	Endosulfan sulfate	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	Endrin	n/a	=	0.0716	µg/L	EPA 608	0.0028	0.01			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	Endrin	n/a	=	72	%	EPA 608	-88	-88	40	143	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	Endrin	n/a	=	0.0705	µg/L	EPA 608	0.0028	0.01			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	Endrin	n/a	=	71	%	EPA 608	-88	-88	40	143	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	Endrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	Endrin	n/a	=	0.0778	µg/L	EPA 608	0.0028	0.01			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	Endrin	n/a	=	78	%	EPA 608	-88	-88	40	143	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	Endrin	n/a	=	0.0646	µg/L	EPA 608	0.0028	0.01			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	Endrin	n/a	=	65	%	EPA 608	-88	-88	42	144	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	Endrin	n/a	=	0.0551	µg/L	EPA 608	0.0028	0.01			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	Endrin	n/a	=	55	%	EPA 608	-88	-88	42	144	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	Endrin	n/a	=	16	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	Endrin aldehyde	n/a	=	0.0872	µg/L	EPA 608	0.003	0.01			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	Endrin aldehyde	n/a	=	87	%	EPA 608	-88	-88	18	136	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	Endrin aldehyde	n/a	=	0.0773	µg/L	EPA 608	0.003	0.01			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	Endrin aldehyde	n/a	=	77	%	EPA 608	-88	-88	18	136	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	Endrin aldehyde	n/a	=	12	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	Endrin aldehyde	n/a	=	0.0846	µg/L	EPA 608	0.003	0.01			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	Endrin aldehyde	n/a	=	85	%	EPA 608	-88	-88	18	136	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	Endrin aldehyde	n/a	=	0.0845	µg/L	EPA 608	0.003	0.01			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	Endrin aldehyde	n/a	=	84	%	EPA 608	-88	-88	11	113	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	Endrin aldehyde	n/a	=	0.0785	µg/L	EPA 608	0.003	0.01			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	Endrin aldehyde	n/a	=	79	%	EPA 608	-88	-88	11	113	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	Endrin aldehyde	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	EPTC	n/a	=	5.78	µg/L	EPA 525.2	0.017	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	
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	EPTC	n/a	=	116	%	EPA 525.2	-88	-88	82	116	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	EPTC	n/a	=	5.73	µg/L	EPA 525.2	0.017	1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	EPTC	n/a	=	115	%	EPA 525.2	-88	-88	82	116	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	EPTC	n/a	=	6.14	µg/L	EPA 525.2	0.017	1			EUM
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	EPTC	n/a	=	123	%	EPA 525.2	-88	-88	82	116	EUM
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	EPTC	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	EPTC	n/a	=	25.7	µg/L	EPA 525.2	0.068	4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	EPTC	n/a	=	128	%	EPA 525.2	-88	-88	75	126	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	EPTC	n/a	=	26.3	µg/L	EPA 525.2	0.068	4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	EPTC	n/a	=	131	%	EPA 525.2	-88	-88	75	126	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Ethoprop	n/a	=	0.0651	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Ethoprop	n/a	=	130	%	EPA 525.2m	-88	-88	51	167	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Ethoprop	n/a	=	0.0525	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Ethoprop	n/a	=	105	%	EPA 525.2m	-88	-88	51	167	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Ethoprop	n/a	=	21	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Ethoprop	n/a	=	0.0446	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Ethoprop	n/a	=	89	%	EPA 525.2m	-88	-88	53	163	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Ethoprop	n/a	=	0.0458	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Ethoprop	n/a	=	92	%	EPA 525.2m	-88	-88	53	163	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Ethoprop	n/a	=	0.0866	µg/L	EPA 525.2m	0.0067	0.01			GB
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Ethoprop	n/a	=	173	%	EPA 525.2m	-88	-88	51	167	GB
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Ethoprop	n/a	=	0.0762	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Ethoprop	n/a	=	152	%	EPA 525.2m	-88	-88	51	167	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Ethoprop	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Ethyl parathion	n/a	=	0.0321	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Ethyl parathion	n/a	=	64	%	EPA 525.2m	-88	-88	5	229	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Ethyl parathion	n/a	=	0.0235	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Ethyl parathion	n/a	=	47	%	EPA 525.2m	-88	-88	5	229	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Ethyl parathion	n/a	=	31	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Ethyl parathion	n/a	=	0.0418	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Ethyl parathion	n/a	=	84	%	EPA 525.2m	-88	-88	7	230	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Ethyl parathion	n/a	=	0.0601	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Ethyl parathion	n/a	=	120	%	EPA 525.2m	-88	-88	7	230	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Ethyl parathion	n/a	=	0.137	µg/L	EPA 525.2m	0.0054	0.01			GB
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Ethyl parathion	n/a	=	274	%	EPA 525.2m	-88	-88	5	229	GB
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Ethyl parathion	n/a	=	0.155	µg/L	EPA 525.2m	0.0054	0.01			GB
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Ethyl parathion	n/a	=	311	%	EPA 525.2m	-88	-88	5	229	GB
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Ethyl parathion	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Fensulfothion	n/a	=	0.0104	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Fensulfothion	n/a	=	21	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Fensulfothion	n/a	=	0.0154	µg/L	EPA 525.2m	0.0029	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Fensulfothion	n/a	=	31	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Fensulfothion	n/a	=	38	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Fensulfothion	n/a	=	0.0454	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Fensulfothion	n/a	=	91	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Fensulfothion	n/a	=	0.0381	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Fensulfothion	n/a	=	76	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Fensulfothion	n/a	=	0.0931	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Fensulfothion	n/a	=	186	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Fensulfothion	n/a	=	0.1	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Fensulfothion	n/a	=	200	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Fensulfothion	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Fenthion	n/a	DNQ	0.0056	µg/L	EPA 525.2m	0.0038	0.01			GB
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Fenthion	n/a	=	11	%	EPA 525.2m	-88	-88	23	169	GB
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Fenthion	n/a	DNQ	0.0029	µg/L	EPA 525.2m	0	0.01			GB
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Fenthion	n/a	=	6	%	EPA 525.2m	-88	-88	23	169	GB
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Fenthion	n/a	=	65	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Fenthion	n/a	=	0.0434	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Fenthion	n/a	=	87	%	EPA 525.2m	-88	-88	20	177	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Fenthion	n/a	=	0.0493	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Fenthion	n/a	=	99	%	EPA 525.2m	-88	-88	20	177	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Fenthion	n/a	=	0.074	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Fenthion	n/a	=	148	%	EPA 525.2m	-88	-88	23	169	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Fenthion	n/a	=	0.0802	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Fenthion	n/a	=	160	%	EPA 525.2m	-88	-88	23	169	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Fenthion	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0704	µg/L	EPA 608	0.0021	0.02			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	70	%	EPA 608	-88	-88	49	117	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0671	µg/L	EPA 608	0.0021	0.02			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	67	%	EPA 608	-88	-88	49	117	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0715	µg/L	EPA 608	0.0021	0.02			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	71	%	EPA 608	-88	-88	49	117	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0491	µg/L	EPA 608	0.0021	0.02			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	49	%	EPA 608	-88	-88	33	112	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0464	µg/L	EPA 608	0.0021	0.02			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	46	%	EPA 608	-88	-88	33	112	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	gamma-BHC (Lindane)	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-1	Lab	method blank	9/28/2015	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-1	Lab	LCS	9/20/2015	Pesticide	Glyphosate	n/a	=	32.1	µg/L	EPA 547	1.8	5			
2015/16-1	Lab	LCS, rec	9/20/2015	Pesticide	Glyphosate	n/a	=	128	%	EPA 547	-88	-88	62	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	
2015/16-1	Lab	method blank	9/20/2015	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2015/16-1	ME-VR2	matrix spike	9/20/2015	Pesticide	Glyphosate	n/a	=	33.3	µg/L	EPA 547	1.8	5			
2015/16-1	ME-VR2	matrix spike, rec	9/20/2015	Pesticide	Glyphosate	n/a	=	133	%	EPA 547	-88	-88	41	149	
2015/16-1	ME-VR2	matrix spike dup	9/20/2015	Pesticide	Glyphosate	n/a	=	32.4	µg/L	EPA 547	1.8	5			
2015/16-1	ME-VR2	matrix spike dup, rec	9/20/2015	Pesticide	Glyphosate	n/a	=	130	%	EPA 547	-88	-88	41	149	
2015/16-1	ME-VR2	matrix spike, RPD	9/20/2015	Pesticide	Glyphosate	n/a	=	3	%	EPA 547	-88	-88	0	30	
2015/16-1	MO-HUE	matrix spike	9/20/2015	Pesticide	Glyphosate	n/a	=	32.5	µg/L	EPA 547	1.8	5			
2015/16-1	MO-HUE	matrix spike, rec	9/20/2015	Pesticide	Glyphosate	n/a	=	130	%	EPA 547	-88	-88	41	149	
2015/16-1	MO-HUE	matrix spike dup	9/20/2015	Pesticide	Glyphosate	n/a	=	31	µg/L	EPA 547	1.8	5			
2015/16-1	MO-HUE	matrix spike dup, rec	9/20/2015	Pesticide	Glyphosate	n/a	=	124	%	EPA 547	-88	-88	41	149	
2015/16-1	MO-HUE	matrix spike, RPD	9/20/2015	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	Heptachlor	n/a	=	0.0705	µg/L	EPA 608	0.0017	0.01			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	Heptachlor	n/a	=	70	%	EPA 608	-88	-88	31	130	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	Heptachlor	n/a	=	0.0714	µg/L	EPA 608	0.0017	0.01			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	Heptachlor	n/a	=	71	%	EPA 608	-88	-88	31	130	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	Heptachlor	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	Heptachlor	n/a	=	0.0777	µg/L	EPA 608	0.0017	0.01			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	Heptachlor	n/a	=	78	%	EPA 608	-88	-88	31	130	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	Heptachlor	n/a	=	0.0598	µg/L	EPA 608	0.0017	0.01			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	Heptachlor	n/a	=	60	%	EPA 608	-88	-88	28	131	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	Heptachlor	n/a	=	0.0586	µg/L	EPA 608	0.0017	0.01			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	Heptachlor	n/a	=	59	%	EPA 608	-88	-88	28	131	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	Heptachlor	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-1	Lab	LCS	9/23/2015	Pesticide	Heptachlor epoxide	n/a	=	0.0702	µg/L	EPA 608	0.0019	0.01			
2015/16-1	Lab	LCS, rec	9/23/2015	Pesticide	Heptachlor epoxide	n/a	=	70	%	EPA 608	-88	-88	49	122	
2015/16-1	Lab	LCS dup	9/23/2015	Pesticide	Heptachlor epoxide	n/a	=	0.0685	µg/L	EPA 608	0.0019	0.01			
2015/16-1	Lab	LCS dup, rec	9/23/2015	Pesticide	Heptachlor epoxide	n/a	=	69	%	EPA 608	-88	-88	49	122	
2015/16-1	Lab	LCS, RPD	9/23/2015	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-1	Lab	LCS	9/28/2015	Pesticide	Heptachlor epoxide	n/a	=	0.0748	µg/L	EPA 608	0.0019	0.01			
2015/16-1	Lab	LCS, rec	9/28/2015	Pesticide	Heptachlor epoxide	n/a	=	75	%	EPA 608	-88	-88	49	122	
2015/16-1	MO-CAM	matrix spike	9/29/2015	Pesticide	Heptachlor epoxide	n/a	=	0.0434	µg/L	EPA 608	0.0019	0.01			
2015/16-1	MO-CAM	matrix spike, rec	9/29/2015	Pesticide	Heptachlor epoxide	n/a	=	43	%	EPA 608	-88	-88	36	117	
2015/16-1	MO-CAM	matrix spike dup	9/29/2015	Pesticide	Heptachlor epoxide	n/a	=	0.0388	µg/L	EPA 608	0.0019	0.01			
2015/16-1	MO-CAM	matrix spike dup, rec	9/29/2015	Pesticide	Heptachlor epoxide	n/a	=	39	%	EPA 608	-88	-88	36	117	
2015/16-1	MO-CAM	matrix spike, RPD	9/29/2015	Pesticide	Heptachlor epoxide	n/a	=	11	%	EPA 608	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Malathion	n/a	=	0.0317	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Malathion	n/a	=	63	%	EPA 525.2m	-88	-88	6	184	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Malathion	n/a	=	0.0234	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Malathion	n/a	=	47	%	EPA 525.2m	-88	-88	6	184	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Malathion	n/a	=	30	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Malathion	n/a	=	0.0423	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Malathion	n/a	=	85	%	EPA 525.2m	-88	-88	14	175	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Malathion	n/a	=	0.057	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Malathion	n/a	=	114	%	EPA 525.2m	-88	-88	14	175	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Malathion	n/a	=	0.136	µg/L	EPA 525.2m	0.0076	0.01			GB
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Malathion	n/a	=	202	%	EPA 525.2m	-88	-88	6	184	GB
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Malathion	n/a	=	0.151	µg/L	EPA 525.2m	0.0076	0.01			GB
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Malathion	n/a	=	231	%	EPA 525.2m	-88	-88	6	184	GB
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Malathion	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Merphos	n/a	=	0.0294	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Merphos	n/a	=	59	%	EPA 525.2m	-88	-88	3	210	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Merphos	n/a	=	0.0461	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Merphos	n/a	=	92	%	EPA 525.2m	-88	-88	3	210	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Merphos	n/a	=	44	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Merphos	n/a	=	0.0487	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Merphos	n/a	=	97	%	EPA 525.2m	-88	-88	28	181	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Merphos	n/a	=	0.0402	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Merphos	n/a	=	80	%	EPA 525.2m	-88	-88	28	181	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Merphos	n/a	=	0.0489	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Merphos	n/a	=	98	%	EPA 525.2m	-88	-88	3	210	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Merphos	n/a	=	0.0426	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Merphos	n/a	=	85	%	EPA 525.2m	-88	-88	3	210	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Merphos	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Methyl parathion	n/a	=	0.0297	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Methyl parathion	n/a	=	59	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Methyl parathion	n/a	=	0.0246	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Methyl parathion	n/a	=	49	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Methyl parathion	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Methyl parathion	n/a	=	0.0413	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Methyl parathion	n/a	=	83	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Methyl parathion	n/a	=	0.0542	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Methyl parathion	n/a	=	108	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Methyl parathion	n/a	=	0.122	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Methyl parathion	n/a	=	245	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Methyl parathion	n/a	=	0.141	µg/L	EPA 525.2m	0.0063	0.01			GB
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Methyl parathion	n/a	=	281	%	EPA 525.2m	-88	-88	0.1	249	GB
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Methyl parathion	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Metolachlor	n/a	=	5.37	µg/L	EPA 525.2	0.012	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Metolachlor	n/a	=	107	%	EPA 525.2	-88	-88	61	123	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Metolachlor	n/a	=	3.61	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	
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Metolachlor	n/a	=	72	%	EPA 525.2	-88	-88	61	123	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Metolachlor	n/a	=	4.06	µg/L	EPA 525.2	0.012	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Metolachlor	n/a	=	81	%	EPA 525.2	-88	-88	61	123	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Metolachlor	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Metolachlor	n/a	=	102	µg/L	EPA 525.2	0.048	0.4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Metolachlor	n/a	=	512	%	EPA 525.2	-88	-88	60	137	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Metolachlor	n/a	=	84.1	µg/L	EPA 525.2	0.048	0.4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Metolachlor	n/a	=	420	%	EPA 525.2	-88	-88	60	137	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Metolachlor	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Metribuzin	n/a	=	5.05	µg/L	EPA 525.2	0.015	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Metribuzin	n/a	=	101	%	EPA 525.2	-88	-88	50	121	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Metribuzin	n/a	=	3.42	µg/L	EPA 525.2	0.015	0.1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Metribuzin	n/a	=	68	%	EPA 525.2	-88	-88	50	121	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Metribuzin	n/a	=	3.55	µg/L	EPA 525.2	0.015	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Metribuzin	n/a	=	71	%	EPA 525.2	-88	-88	50	121	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Metribuzin	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Metribuzin	n/a	=	72.6	µg/L	EPA 525.2	0.06	0.4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Metribuzin	n/a	=	363	%	EPA 525.2	-88	-88	47	125	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Metribuzin	n/a	=	62.1	µg/L	EPA 525.2	0.06	0.4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Metribuzin	n/a	=	310	%	EPA 525.2	-88	-88	47	125	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Metribuzin	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Mevinphos	n/a	=	0.305	µg/L	EPA 525.2m	0.0042	0.01			GB
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Mevinphos	n/a	=	610	%	EPA 525.2m	-88	-88	25	189	GB
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Mevinphos	n/a	=	0.0863	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Mevinphos	n/a	=	173	%	EPA 525.2m	-88	-88	25	189	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Mevinphos	n/a	=	112	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Mevinphos	n/a	=	0.0343	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Mevinphos	n/a	=	69	%	EPA 525.2m	-88	-88	14	202	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Mevinphos	n/a	=	0.0296	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Mevinphos	n/a	=	59	%	EPA 525.2m	-88	-88	14	202	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Mevinphos	n/a	=	0.0704	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Mevinphos	n/a	=	141	%	EPA 525.2m	-88	-88	25	189	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Mevinphos	n/a	=	0.0564	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Mevinphos	n/a	=	113	%	EPA 525.2m	-88	-88	25	189	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Mevinphos	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Molinate	n/a	=	5.87	µg/L	EPA 525.2	0.039	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Molinate	n/a	=	117	%	EPA 525.2	-88	-88	82	117	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Molinate	n/a	=	5.7	µg/L	EPA 525.2	0.039	0.1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Molinate	n/a	=	114	%	EPA 525.2	-88	-88	82	117	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Molinate	n/a	=	5.99	µg/L	EPA 525.2	0.039	0.1			EUM
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Molinate	n/a	=	120	%	EPA 525.2	-88	-88	82	117	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	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Molinate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Molinate	n/a	=	25.8	µg/L	EPA 525.2	0.16	0.4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Molinate	n/a	=	129	%	EPA 525.2	-88	-88	81	125	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Molinate	n/a	=	26.8	µg/L	EPA 525.2	0.16	0.4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Molinate	n/a	=	134	%	EPA 525.2	-88	-88	81	125	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Naled	n/a	=	0.602	µg/L	EPA 525.2m	0.0076	0.01			GB
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Naled	n/a	=	1200	%	EPA 525.2m	-88	-88	0.1	242	GB
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Naled	n/a	=	0.13	µg/L	EPA 525.2m	0.0076	0.01			GB
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Naled	n/a	=	260	%	EPA 525.2m	-88	-88	0.1	242	GB
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Naled	n/a	=	129	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Naled	n/a	=	0.0313	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Naled	n/a	=	63	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Naled	n/a	=	0.0341	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Naled	n/a	=	68	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Naled	n/a	=	0.0845	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Naled	n/a	=	169	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Naled	n/a	=	0.0961	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Naled	n/a	=	192	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Naled	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	4.18	µg/L	EPA 515.3	0.04	0.2			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Pentachlorophenol	n/a	=	20.5	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 625	-88	-88	14	176	
2015/16-1	Lab	LCS dup	9/25/2015	Pesticide	Pentachlorophenol	n/a	=	17.9	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS dup, rec	9/25/2015	Pesticide	Pentachlorophenol	n/a	=	72	%	EPA 625	-88	-88	14	176	
2015/16-1	Lab	LCS, RPD	9/25/2015	Pesticide	Pentachlorophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Pentachlorophenol	n/a	=	21.6	µg/L	EPA 625	0.19	1			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Pentachlorophenol	n/a	=	86	%	EPA 625	-88	-88	14	176	
2015/16-1	Lab	method blank	10/7/2015	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2015/16-1	Lab	LCS	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	10.2	µg/L	EPA 8270C	0.15	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	102	%	EPA 8270C	-88	-88	29	106	
2015/16-1	Lab	method blank	10/7/2015	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2015/16-1	Lab	LCS	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	7.6	µg/L	EPA 8270C	0.15	1			
2015/16-1	Lab	LCS, rec	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	76	%	EPA 8270C	-88	-88	29	106	
2015/16-1	Lab	LCS dup	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	7.75	µg/L	EPA 8270C	0.15	1			
2015/16-1	Lab	LCS dup, rec	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	29	106	
2015/16-1	Lab	LCS, RPD	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	3.92	µg/L	EPA 515.3	0.04	0.2			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	3.95	µg/L	EPA 515.3	0.04	0.2			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	99	%	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	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	3.86	µg/L	EPA 515.3	0.04	0.2			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	4.02	µg/L	EPA 515.3	0.04	0.2			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-MPK	matrix spike	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	12	µg/L	EPA 8270C	0.15	1			
2015/16-1	MO-MPK	matrix spike, rec	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	107	%	EPA 8270C	-88	-88	7	124	
2015/16-1	MO-MPK	matrix spike dup	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	10.3	µg/L	EPA 8270C	0.15	1			
2015/16-1	MO-MPK	matrix spike dup, rec	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 8270C	-88	-88	7	124	
2015/16-1	MO-MPK	matrix spike, RPD	10/7/2015	Pesticide	Pentachlorophenol	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2015/16-1	MO-VEN	matrix spike	10/1/2015	Pesticide	Pentachlorophenol	n/a	=	22.6	µg/L	EPA 625	0.38	2			
2015/16-1	MO-VEN	matrix spike, rec	10/1/2015	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 625	-88	-88	14	176	
2015/16-1	MO-VEN	matrix spike dup	10/1/2015	Pesticide	Pentachlorophenol	n/a	=	25.7	µg/L	EPA 625	0.38	2			
2015/16-1	MO-VEN	matrix spike dup, rec	10/1/2015	Pesticide	Pentachlorophenol	n/a	=	103	%	EPA 625	-88	-88	14	176	
2015/16-1	MO-VEN	matrix spike, RPD	10/1/2015	Pesticide	Pentachlorophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			GB
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Phorate	n/a	=	0	%	EPA 525.2m	-88	-88	31	181	GB
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Phorate	n/a	DNQ	0.003	µg/L	EPA 525.2m	0	0.01			GB
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Phorate	n/a	=	6	%	EPA 525.2m	-88	-88	31	181	GB
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Phorate	n/a	=	200	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Phorate	n/a	=	0.0417	µg/L	EPA 525.2m	0.003	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Phorate	n/a	=	83	%	EPA 525.2m	-88	-88	26	180	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Phorate	n/a	=	0.0426	µg/L	EPA 525.2m	0.003	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Phorate	n/a	=	85	%	EPA 525.2m	-88	-88	26	180	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Phorate	n/a	=	0.0614	µg/L	EPA 525.2m	0.003	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Phorate	n/a	=	123	%	EPA 525.2m	-88	-88	31	181	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Phorate	n/a	=	0.064	µg/L	EPA 525.2m	0.003	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Phorate	n/a	=	128	%	EPA 525.2m	-88	-88	31	181	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Phorate	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/18/2015	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2015/16-1	Lab	LCS	9/18/2015	Pesticide	Picloram	n/a	=	4.61	µg/L	EPA 515.3	0.05	0.6			
2015/16-1	Lab	LCS, rec	9/18/2015	Pesticide	Picloram	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike	9/18/2015	Pesticide	Picloram	n/a	=	3.88	µg/L	EPA 515.3	0.05	0.6			
2015/16-1	ME-VR2	matrix spike, rec	9/18/2015	Pesticide	Picloram	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike dup	9/18/2015	Pesticide	Picloram	n/a	=	4.41	µg/L	EPA 515.3	0.05	0.6			
2015/16-1	ME-VR2	matrix spike dup, rec	9/18/2015	Pesticide	Picloram	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2015/16-1	ME-VR2	matrix spike, RPD	9/18/2015	Pesticide	Picloram	n/a	=	13	%	EPA 515.3	-88	-88	0	30	
2015/16-1	MO-CAM	matrix spike	9/18/2015	Pesticide	Picloram	n/a	=	4.17	µg/L	EPA 515.3	0.05	0.6			
2015/16-1	MO-CAM	matrix spike, rec	9/18/2015	Pesticide	Picloram	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike dup	9/18/2015	Pesticide	Picloram	n/a	=	4.1	µg/L	EPA 515.3	0.05	0.6			
2015/16-1	MO-CAM	matrix spike dup, rec	9/18/2015	Pesticide	Picloram	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-1	MO-CAM	matrix spike, RPD	9/18/2015	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Prometon	n/a	=	1.72	µg/L	EPA 525.2	0.024	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Prometon	n/a	=	34	%	EPA 525.2	-88	-88	17	101	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Prometon	n/a	=	2.74	µg/L	EPA 525.2	0.024	0.2			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Prometon	n/a	=	55	%	EPA 525.2	-88	-88	17	101	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Prometon	n/a	=	2.87	µg/L	EPA 525.2	0.024	0.2			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Prometon	n/a	=	57	%	EPA 525.2	-88	-88	17	101	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Prometon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Prometon	n/a	=	31.1	µg/L	EPA 525.2	0.096	0.8			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Prometon	n/a	=	156	%	EPA 525.2	-88	-88	28	112	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Prometon	n/a	=	27	µg/L	EPA 525.2	0.096	0.8			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Prometon	n/a	=	135	%	EPA 525.2	-88	-88	28	112	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Prometon	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Prometryn	n/a	=	4.09	µg/L	EPA 525.2	0.036	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Prometryn	n/a	=	82	%	EPA 525.2	-88	-88	57	122	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Prometryn	n/a	=	3.49	µg/L	EPA 525.2	0.036	0.1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Prometryn	n/a	=	70	%	EPA 525.2	-88	-88	57	122	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Prometryn	n/a	=	3.71	µg/L	EPA 525.2	0.036	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Prometryn	n/a	=	74	%	EPA 525.2	-88	-88	57	122	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Prometryn	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Prometryn	n/a	=	41.9	µg/L	EPA 525.2	0.14	0.4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Prometryn	n/a	=	210	%	EPA 525.2	-88	-88	61	127	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Prometryn	n/a	=	38.2	µg/L	EPA 525.2	0.14	0.4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Prometryn	n/a	=	191	%	EPA 525.2	-88	-88	61	127	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Prometryn	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0292	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	58	%	EPA 525.2m	-88	-88	29	153	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0254	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	51	%	EPA 525.2m	-88	-88	29	153	
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0449	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	90	%	EPA 525.2m	-88	-88	34	154	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0539	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	108	%	EPA 525.2m	-88	-88	34	154	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0581	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	116	%	EPA 525.2m	-88	-88	29	153	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0659	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	132	%	EPA 525.2m	-88	-88	29	153	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Ronnel (Fenchlorphos)	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Simazine	n/a	=	4.63	µg/L	EPA 525.2	0.015	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Simazine	n/a	=	93	%	EPA 525.2	-88	-88	53	116	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Simazine	n/a	=	3.2	µg/L	EPA 525.2	0.015	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Simazine	n/a	=	64	%	EPA 525.2	-88	-88	53	116	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Simazine	n/a	=	3.31	µg/L	EPA 525.2	0.015	0.1			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Simazine	n/a	=	66	%	EPA 525.2	-88	-88	53	116	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Simazine	n/a	=	58.4	µg/L	EPA 525.2	0.06	0.4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Simazine	n/a	=	292	%	EPA 525.2	-88	-88	55	113	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Simazine	n/a	=	52.7	µg/L	EPA 525.2	0.06	0.4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Simazine	n/a	=	264	%	EPA 525.2	-88	-88	55	113	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Simazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.18	µg/L	EPA 525.2m	0.0031	0.01			GB
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	360	%	EPA 525.2m	-88	-88	0.1	167	GB
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0844	µg/L	EPA 525.2m	0.0031	0.01			GB
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	169	%	EPA 525.2m	-88	-88	0.1	167	GB
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	72	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0414	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	83	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0492	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	98	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0992	µg/L	EPA 525.2m	0.0031	0.01			GB
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	186	%	EPA 525.2m	-88	-88	0.1	167	GB
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0944	µg/L	EPA 525.2m	0.0031	0.01			GB
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	176	%	EPA 525.2m	-88	-88	0.1	167	GB
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Terbacil	n/a	=	6.1	µg/L	EPA 525.2	0.55	2			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Terbacil	n/a	=	122	%	EPA 525.2	-88	-88	70	135	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Terbacil	n/a	=	6	µg/L	EPA 525.2	0.55	2			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Terbacil	n/a	=	120	%	EPA 525.2	-88	-88	70	135	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Terbacil	n/a	=	5.43	µg/L	EPA 525.2	0.55	2			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Terbacil	n/a	=	109	%	EPA 525.2	-88	-88	70	135	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Terbacil	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Terbacil	n/a	=	30.6	µg/L	EPA 525.2	2.2	8			
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Terbacil	n/a	=	153	%	EPA 525.2	-88	-88	72	155	
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Terbacil	n/a	=	31.2	µg/L	EPA 525.2	2.2	8			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Terbacil	n/a	=	156	%	EPA 525.2	-88	-88	72	155	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Thiobencarb	n/a	=	5.3	µg/L	EPA 525.2	0.025	0.2			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Thiobencarb	n/a	=	106	%	EPA 525.2	-88	-88	56	125	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Thiobencarb	n/a	=	3.4	µg/L	EPA 525.2	0.025	0.2			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Thiobencarb	n/a	=	68	%	EPA 525.2	-88	-88	56	125	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Thiobencarb	n/a	=	3.82	µg/L	EPA 525.2	0.025	0.2			
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Thiobencarb	n/a	=	76	%	EPA 525.2	-88	-88	56	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	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Thiobencarb	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Thiobencarb	n/a	=	93.2	µg/L	EPA 525.2	0.1	0.8			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Thiobencarb	n/a	=	466	%	EPA 525.2	-88	-88	45	145	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Thiobencarb	n/a	=	77.1	µg/L	EPA 525.2	0.1	0.8			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Thiobencarb	n/a	=	385	%	EPA 525.2	-88	-88	45	145	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Thiobencarb	n/a	=	19	%	EPA 525.2	-88	-88	0	30	
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Tokuthion	n/a	DNQ	0.0084	µg/L	EPA 525.2m	0.0078	0.01			GB
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Tokuthion	n/a	=	17	%	EPA 525.2m	-88	-88	27	160	GB
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Tokuthion	n/a	=	0.013	µg/L	EPA 525.2m	0.0078	0.01			GB
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Tokuthion	n/a	=	26	%	EPA 525.2m	-88	-88	27	160	GB
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Tokuthion	n/a	=	43	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Tokuthion	n/a	=	0.0394	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Tokuthion	n/a	=	79	%	EPA 525.2m	-88	-88	23	159	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Tokuthion	n/a	=	0.04	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Tokuthion	n/a	=	80	%	EPA 525.2m	-88	-88	23	159	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Tokuthion	n/a	=	0.051	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Tokuthion	n/a	=	102	%	EPA 525.2m	-88	-88	27	160	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Tokuthion	n/a	=	0.0542	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Tokuthion	n/a	=	108	%	EPA 525.2m	-88	-88	27	160	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Tokuthion	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/23/2015	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-1	Lab	method blank	9/28/2015	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-1	000NONPJ	matrix spike	10/2/2015	Pesticide	Trichloronate	n/a	=	0.0241	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	000NONPJ	matrix spike, rec	10/2/2015	Pesticide	Trichloronate	n/a	=	48	%	EPA 525.2m	-88	-88	40	150	
2015/16-1	000NONPJ	matrix spike dup	10/2/2015	Pesticide	Trichloronate	n/a	=	0.0179	µg/L	EPA 525.2m	0.0067	0.01			GB
2015/16-1	000NONPJ	matrix spike dup, rec	10/2/2015	Pesticide	Trichloronate	n/a	=	36	%	EPA 525.2m	-88	-88	40	150	GB
2015/16-1	000NONPJ	matrix spike, RPD	10/2/2015	Pesticide	Trichloronate	n/a	=	30	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	10/1/2015	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	Lab	LCS	10/1/2015	Pesticide	Trichloronate	n/a	=	0.0416	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	Lab	LCS, rec	10/1/2015	Pesticide	Trichloronate	n/a	=	83	%	EPA 525.2m	-88	-88	34	153	
2015/16-1	Lab	method blank	10/2/2015	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	Lab	LCS	10/2/2015	Pesticide	Trichloronate	n/a	=	0.0517	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	Lab	LCS, rec	10/2/2015	Pesticide	Trichloronate	n/a	=	103	%	EPA 525.2m	-88	-88	34	153	
2015/16-1	MO-SIM	matrix spike	10/1/2015	Pesticide	Trichloronate	n/a	=	0.0527	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	MO-SIM	matrix spike, rec	10/1/2015	Pesticide	Trichloronate	n/a	=	105	%	EPA 525.2m	-88	-88	40	150	
2015/16-1	MO-SIM	matrix spike dup	10/1/2015	Pesticide	Trichloronate	n/a	=	0.0607	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-1	MO-SIM	matrix spike dup, rec	10/1/2015	Pesticide	Trichloronate	n/a	=	121	%	EPA 525.2m	-88	-88	40	150	
2015/16-1	MO-SIM	matrix spike, RPD	10/1/2015	Pesticide	Trichloronate	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2015/16-1	Lab	method blank	9/25/2015	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-1	Lab	LCS	9/25/2015	Pesticide	Trithion	n/a	=	4.88	µg/L	EPA 525.2	0.012	0.1			
2015/16-1	Lab	LCS, rec	9/25/2015	Pesticide	Trithion	n/a	=	98	%	EPA 525.2	-88	-88	60	124	
2015/16-1	Lab	method blank	9/30/2015	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-1	Lab	LCS	9/30/2015	Pesticide	Trithion	n/a	=	4.02	µg/L	EPA 525.2	0.012	0.1			
2015/16-1	Lab	LCS, rec	9/30/2015	Pesticide	Trithion	n/a	=	80	%	EPA 525.2	-88	-88	60	124	
2015/16-1	Lab	LCS dup	9/30/2015	Pesticide	Trithion	n/a	=	4.41	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	
2015/16-1	Lab	LCS dup, rec	9/30/2015	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	60	124	
2015/16-1	Lab	LCS, RPD	9/30/2015	Pesticide	Trithion	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2015/16-1	MO-THO	matrix spike	9/25/2015	Pesticide	Trithion	n/a	=	38.9	µg/L	EPA 525.2	0.048	0.4			GB
2015/16-1	MO-THO	matrix spike, rec	9/25/2015	Pesticide	Trithion	n/a	=	194	%	EPA 525.2	-88	-88	61	139	GB
2015/16-1	MO-THO	matrix spike dup	9/25/2015	Pesticide	Trithion	n/a	=	38.8	µg/L	EPA 525.2	0.048	0.4			GB
2015/16-1	MO-THO	matrix spike dup, rec	9/25/2015	Pesticide	Trithion	n/a	=	194	%	EPA 525.2	-88	-88	61	139	GB
2015/16-1	MO-THO	matrix spike, RPD	9/25/2015	Pesticide	Trithion	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/8/2016	Anion	Chloride	n/a	=	273	mg/L	EPA 300.0	2.5	12			
2015/16-2	000NONPJ	matrix spike, rec	1/8/2016	Anion	Chloride	n/a	=	83	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike dup	1/8/2016	Anion	Chloride	n/a	=	273	mg/L	EPA 300.0	2.5	12			
2015/16-2	000NONPJ	matrix spike dup, rec	1/8/2016	Anion	Chloride	n/a	=	83	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike, RPD	1/8/2016	Anion	Chloride	n/a	=	0.05	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/8/2016	Anion	Chloride	n/a	=	373	mg/L	EPA 300.0	2.5	12			
2015/16-2	000NONPJ	matrix spike, rec	1/8/2016	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike dup	1/8/2016	Anion	Chloride	n/a	=	376	mg/L	EPA 300.0	2.5	12			
2015/16-2	000NONPJ	matrix spike dup, rec	1/8/2016	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike, RPD	1/8/2016	Anion	Chloride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	lab duplicate	1/9/2016	Anion	Chloride	n/a	=	10.4	mg/L	EPA 300.0	0.1	0.5		20	
2015/16-2	000NONPJ	matrix spike	1/9/2016	Anion	Chloride	n/a	=	45.4	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike, rec	1/9/2016	Anion	Chloride	n/a	=	88	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike dup	1/9/2016	Anion	Chloride	n/a	=	44.6	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/9/2016	Anion	Chloride	n/a	=	86	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike, RPD	1/9/2016	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/9/2016	Anion	Chloride	n/a	=	60	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike, rec	1/9/2016	Anion	Chloride	n/a	=	84	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike dup	1/9/2016	Anion	Chloride	n/a	=	59.4	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/9/2016	Anion	Chloride	n/a	=	83	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike, RPD	1/9/2016	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/12/2016	Anion	Chloride	n/a	=	61	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike, rec	1/12/2016	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike dup	1/12/2016	Anion	Chloride	n/a	=	61.1	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/12/2016	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike, RPD	1/12/2016	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/12/2016	Anion	Chloride	n/a	=	53	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike, rec	1/12/2016	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike dup	1/12/2016	Anion	Chloride	n/a	=	51.5	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/12/2016	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	76	118	
2015/16-2	000NONPJ	matrix spike, RPD	1/12/2016	Anion	Chloride	n/a	=	3	%	EPA 300.0	-88	-88	0	20	
2015/16-2	Lab	method blank	1/8/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS	1/8/2016	Anion	Chloride	n/a	=	3.63	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS, rec	1/8/2016	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	90	110	
2015/16-2	Lab	method blank	1/9/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS	1/9/2016	Anion	Chloride	n/a	=	3.62	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS, rec	1/9/2016	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	90	110	
2015/16-2	Lab	method blank	1/12/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS	1/12/2016	Anion	Chloride	n/a	=	3.85	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS, rec	1/12/2016	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	lab duplicate	1/9/2016	Anion	Fluoride	n/a	=	0.1	mg/L	EPA 300.0	0.02	0.1		15	
2015/16-2	000NONPJ	matrix spike	1/9/2016	Anion	Fluoride	n/a	=	18.3	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike, rec	1/9/2016	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike dup	1/9/2016	Anion	Fluoride	n/a	=	18.6	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/9/2016	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike, RPD	1/9/2016	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/9/2016	Anion	Fluoride	n/a	=	18.8	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike, rec	1/9/2016	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike dup	1/9/2016	Anion	Fluoride	n/a	=	18.8	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/9/2016	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike, RPD	1/9/2016	Anion	Fluoride	n/a	=	0.06	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/12/2016	Anion	Fluoride	n/a	=	20	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike, rec	1/12/2016	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike dup	1/12/2016	Anion	Fluoride	n/a	=	20.5	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/12/2016	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike, RPD	1/12/2016	Anion	Fluoride	n/a	=	3	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/12/2016	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike, rec	1/12/2016	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike dup	1/12/2016	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/12/2016	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike, RPD	1/12/2016	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/13/2016	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike, rec	1/13/2016	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike dup	1/13/2016	Anion	Fluoride	n/a	=	20	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/13/2016	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike, RPD	1/13/2016	Anion	Fluoride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/13/2016	Anion	Fluoride	n/a	=	19.9	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike, rec	1/13/2016	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike dup	1/13/2016	Anion	Fluoride	n/a	=	19.9	mg/L	EPA 300.0	0.2	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/13/2016	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2015/16-2	000NONPJ	matrix spike, RPD	1/13/2016	Anion	Fluoride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2015/16-2	Lab	method blank	1/9/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-2	Lab	LCS	1/9/2016	Anion	Fluoride	n/a	=	1.92	mg/L	EPA 300.0	0.02	0.1			
2015/16-2	Lab	LCS, rec	1/9/2016	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2015/16-2	Lab	method blank	1/12/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-2	Lab	LCS	1/12/2016	Anion	Fluoride	n/a	=	2	mg/L	EPA 300.0	0.02	0.1			
2015/16-2	Lab	LCS, rec	1/12/2016	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	90	110	
2015/16-2	Lab	method blank	1/13/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-2	Lab	LCS	1/13/2016	Anion	Fluoride	n/a	=	2.04	mg/L	EPA 300.0	0.02	0.1			
2015/16-2	Lab	LCS, rec	1/13/2016	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike	1/8/2016	Anion	Perchlorate	n/a	=	10.2	µg/L	EPA 314.0	0.95	2			
2015/16-2	000NONPJ	matrix spike, rec	1/8/2016	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	80	120	
2015/16-2	000NONPJ	matrix spike dup	1/8/2016	Anion	Perchlorate	n/a	=	9.84	µg/L	EPA 314.0	0.95	2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/8/2016	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	80	120	
2015/16-2	000NONPJ	matrix spike, RPD	1/8/2016	Anion	Perchlorate	n/a	=	4	%	EPA 314.0	-88	-88	0	15	
2015/16-2	Lab	method blank	1/8/2016	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2015/16-2	Lab	LCS	1/8/2016	Anion	Perchlorate	n/a	=	10.8	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	
2015/16-2	Lab	LCS, rec	1/8/2016	Anion	Perchlorate	n/a	=	108	%	EPA 314.0	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/8/2016	Anion	Sulfate	Total	=	324	mg/L	EPA 300.0	2.5	12			
2015/16-2	000NONPJ	matrix spike, rec	1/8/2016	Anion	Sulfate	Total	=	108	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike dup	1/8/2016	Anion	Sulfate	Total	=	315	mg/L	EPA 300.0	2.5	12			
2015/16-2	000NONPJ	matrix spike dup, rec	1/8/2016	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike, RPD	1/8/2016	Anion	Sulfate	Total	=	3	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/8/2016	Anion	Sulfate	Total	=	334	mg/L	EPA 300.0	2.5	12			
2015/16-2	000NONPJ	matrix spike, rec	1/8/2016	Anion	Sulfate	Total	=	101	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike dup	1/8/2016	Anion	Sulfate	Total	=	337	mg/L	EPA 300.0	2.5	12			
2015/16-2	000NONPJ	matrix spike dup, rec	1/8/2016	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike, RPD	1/8/2016	Anion	Sulfate	Total	=	0.9	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	lab duplicate	1/9/2016	Anion	Sulfate	Total	=	7.17	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	000NONPJ	matrix spike dup	1/9/2016	Anion	Sulfate	Total	=	91.5	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/9/2016	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike dup	1/9/2016	Anion	Sulfate	Total	=	89.2	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/9/2016	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike, RPD	1/9/2016	Anion	Sulfate	Total	=	3	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/9/2016	Anion	Sulfate	Total	=	112	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike, rec	1/9/2016	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike dup	1/9/2016	Anion	Sulfate	Total	=	113	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/9/2016	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike, RPD	1/9/2016	Anion	Sulfate	Total	=	0.5	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/12/2016	Anion	Sulfate	Total	=	124	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike, rec	1/12/2016	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike dup	1/12/2016	Anion	Sulfate	Total	=	124	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/12/2016	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike, RPD	1/12/2016	Anion	Sulfate	Total	=	0.2	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/12/2016	Anion	Sulfate	Total	=	126	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike, rec	1/12/2016	Anion	Sulfate	Total	=	109	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike dup	1/12/2016	Anion	Sulfate	Total	=	127	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/12/2016	Anion	Sulfate	Total	=	110	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike, RPD	1/12/2016	Anion	Sulfate	Total	=	0.8	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/20/2016	Anion	Sulfate	Total	=	139	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike, rec	1/20/2016	Anion	Sulfate	Total	=	107	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike dup	1/20/2016	Anion	Sulfate	Total	=	140	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/20/2016	Anion	Sulfate	Total	=	109	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike, RPD	1/20/2016	Anion	Sulfate	Total	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	3/11/2016	Anion	Sulfate	Total	=	118	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike, rec	3/11/2016	Anion	Sulfate	Total	=	99	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike dup	3/11/2016	Anion	Sulfate	Total	=	117	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	3/11/2016	Anion	Sulfate	Total	=	98	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike, RPD	3/11/2016	Anion	Sulfate	Total	=	0.5	%	EPA 300.0	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	3/11/2016	Anion	Sulfate	Total	=	116	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike, rec	3/11/2016	Anion	Sulfate	Total	=	99	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike dup	3/11/2016	Anion	Sulfate	Total	=	116	mg/L	EPA 300.0	1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	3/11/2016	Anion	Sulfate	Total	=	99	%	EPA 300.0	-88	-88	78	111	
2015/16-2	000NONPJ	matrix spike, RPD	3/11/2016	Anion	Sulfate	Total	=	0.3	%	EPA 300.0	-88	-88	0	20	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	method blank	1/8/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS	1/8/2016	Anion	Sulfate	Total	=	8.41	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS, rec	1/8/2016	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	90	110	
2015/16-2	Lab	method blank	1/9/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS	1/9/2016	Anion	Sulfate	Total	=	8.42	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS, rec	1/9/2016	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	90	110	
2015/16-2	Lab	method blank	1/12/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS	1/12/2016	Anion	Sulfate	Total	=	8.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS, rec	1/12/2016	Anion	Sulfate	Total	=	101	%	EPA 300.0	-88	-88	90	110	
2015/16-2	Lab	method blank	1/20/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS	1/20/2016	Anion	Sulfate	Total	=	8.41	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS, rec	1/20/2016	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	90	110	
2015/16-2	Lab	method blank	3/11/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS	3/11/2016	Anion	Sulfate	Total	=	8.07	mg/L	EPA 300.0	0.1	0.5			
2015/16-2	Lab	LCS, rec	3/11/2016	Anion	Sulfate	Total	=	101	%	EPA 300.0	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Cation	Calcium	Total	=	55.5	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Cation	Calcium	Total	=	57.8	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Cation	Calcium	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Cation	Calcium	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Cation	Calcium	Total	=	56.4	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Cation	Calcium	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Cation	Calcium	Total	=	54.9	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Cation	Calcium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	Lab	LCS	1/11/2016	Cation	Calcium	Total	=	48.5	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	Lab	LCS, rec	1/11/2016	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	Lab	LCS	1/18/2016	Cation	Calcium	Total	=	50.3	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	Lab	LCS, rec	1/18/2016	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2015/16-2	MO-SPA	matrix spike	1/11/2016	Cation	Calcium	Total	=	65.4	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	MO-SPA	matrix spike, rec	1/11/2016	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-SPA	matrix spike dup	1/11/2016	Cation	Calcium	Total	=	63	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	MO-SPA	matrix spike dup, rec	1/11/2016	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-SPA	matrix spike, RPD	1/11/2016	Cation	Calcium	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2015/16-2	MO-VEN	matrix spike	1/11/2016	Cation	Calcium	Total	=	65.9	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	MO-VEN	matrix spike, rec	1/11/2016	Cation	Calcium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-VEN	matrix spike dup	1/11/2016	Cation	Calcium	Total	=	64.4	mg/L	EPA 200.7	0.016	0.1			
2015/16-2	MO-VEN	matrix spike dup, rec	1/11/2016	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-VEN	matrix spike, RPD	1/11/2016	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Cation	Magnesium	Total	=	49.7	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Cation	Magnesium	Total	=	50.7	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Cation	Magnesium	Total	=	50.1	mg/L	EPA 200.7	0.012	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Cation	Magnesium	Total	=	49.3	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	Lab	LCS	1/11/2016	Cation	Magnesium	Total	=	48.8	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	Lab	LCS, rec	1/11/2016	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	Lab	LCS	1/18/2016	Cation	Magnesium	Total	=	50	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	Lab	LCS, rec	1/18/2016	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2015/16-2	MO-SPA	matrix spike	1/11/2016	Cation	Magnesium	Total	=	55	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	MO-SPA	matrix spike, rec	1/11/2016	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-SPA	matrix spike dup	1/11/2016	Cation	Magnesium	Total	=	53.7	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	MO-SPA	matrix spike dup, rec	1/11/2016	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-SPA	matrix spike, RPD	1/11/2016	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-2	MO-VEN	matrix spike	1/11/2016	Cation	Magnesium	Total	=	55.6	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	MO-VEN	matrix spike, rec	1/11/2016	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-VEN	matrix spike dup	1/11/2016	Cation	Magnesium	Total	=	55.3	mg/L	EPA 200.7	0.012	0.1			
2015/16-2	MO-VEN	matrix spike dup, rec	1/11/2016	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-VEN	matrix spike, RPD	1/11/2016	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Cation	Potassium	Total	=	50.7	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Cation	Potassium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Cation	Potassium	Total	=	51.9	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Cation	Potassium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Cation	Potassium	Total	=	51.6	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Cation	Potassium	Total	=	50.6	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Cation	Potassium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Cation	Potassium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	Lab	LCS	1/11/2016	Cation	Potassium	Total	=	51.3	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	Lab	LCS, rec	1/11/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Cation	Potassium	Total	=	0.182	mg/L	EPA 200.7	0.081	0.1			IP
2015/16-2	Lab	LCS	1/18/2016	Cation	Potassium	Total	=	51.2	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	Lab	LCS, rec	1/18/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2015/16-2	MO-SPA	matrix spike	1/11/2016	Cation	Potassium	Total	=	56.1	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	MO-SPA	matrix spike, rec	1/11/2016	Cation	Potassium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-SPA	matrix spike dup	1/11/2016	Cation	Potassium	Total	=	55.5	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	MO-SPA	matrix spike dup, rec	1/11/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-SPA	matrix spike, RPD	1/11/2016	Cation	Potassium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-2	MO-VEN	matrix spike	1/11/2016	Cation	Potassium	Total	=	56.6	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	MO-VEN	matrix spike, rec	1/11/2016	Cation	Potassium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-VEN	matrix spike dup	1/11/2016	Cation	Potassium	Total	=	56.7	mg/L	EPA 200.7	0.081	0.1			
2015/16-2	MO-VEN	matrix spike dup, rec	1/11/2016	Cation	Potassium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-VEN	matrix spike, RPD	1/11/2016	Cation	Potassium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Cation	Sodium	Total	=	54.6	mg/L	EPA 200.7	0.015	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	
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Cation	Sodium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Cation	Sodium	Total	=	56.5	mg/L	EPA 200.7	0.015	0.5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Cation	Sodium	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Cation	Sodium	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Cation	Sodium	Total	=	54.7	mg/L	EPA 200.7	0.015	0.5			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Cation	Sodium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Cation	Sodium	Total	=	53.9	mg/L	EPA 200.7	0.015	0.5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Cation	Sodium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Cation	Sodium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Cation	Sodium	Total	DNQ	0.0163	mg/L	EPA 200.7	0.015	0.5			IP
2015/16-2	Lab	LCS	1/11/2016	Cation	Sodium	Total	=	49.4	mg/L	EPA 200.7	0.015	0.5			
2015/16-2	Lab	LCS, rec	1/11/2016	Cation	Sodium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Cation	Sodium	Total	DNQ	0.465	mg/L	EPA 200.7	0.015	0.5			IP
2015/16-2	Lab	LCS	1/18/2016	Cation	Sodium	Total	=	52.9	mg/L	EPA 200.7	0.015	0.5			
2015/16-2	Lab	LCS, rec	1/18/2016	Cation	Sodium	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2015/16-2	MO-SPA	matrix spike	1/11/2016	Cation	Sodium	Total	=	54.3	mg/L	EPA 200.7	0.015	0.5			
2015/16-2	MO-SPA	matrix spike, rec	1/11/2016	Cation	Sodium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-SPA	matrix spike dup	1/11/2016	Cation	Sodium	Total	=	53.1	mg/L	EPA 200.7	0.015	0.5			
2015/16-2	MO-SPA	matrix spike dup, rec	1/11/2016	Cation	Sodium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-SPA	matrix spike, RPD	1/11/2016	Cation	Sodium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-2	MO-VEN	matrix spike	1/11/2016	Cation	Sodium	Total	=	59.3	mg/L	EPA 200.7	0.015	0.5			
2015/16-2	MO-VEN	matrix spike, rec	1/11/2016	Cation	Sodium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-VEN	matrix spike dup	1/11/2016	Cation	Sodium	Total	=	58.9	mg/L	EPA 200.7	0.015	0.5			
2015/16-2	MO-VEN	matrix spike dup, rec	1/11/2016	Cation	Sodium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-2	MO-VEN	matrix spike, RPD	1/11/2016	Cation	Sodium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2015/16-2	000NONPJ	lab duplicate	1/12/2016	Conventional	Alkalinity as CaCO3	n/a	=	92.3	mg/L	SM 2320 B	0.56	10		15	
2015/16-2	000NONPJ	lab duplicate	1/13/2016	Conventional	Alkalinity as CaCO3	n/a	=	66.8	mg/L	SM 2320 B	0.56	2		15	
2015/16-2	Lab	LCS	1/12/2016	Conventional	Alkalinity as CaCO3	n/a	=	240	mg/L	SM 2320 B	0.56	10			
2015/16-2	Lab	LCS, rec	1/12/2016	Conventional	Alkalinity as CaCO3	n/a	=	96	%	SM 2320 B	-88	-88	94	108	
2015/16-2	Lab	method blank	1/12/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.32	mg/L	SM 2320 B	0.56	10			IP
2015/16-2	Lab	LCS	1/13/2016	Conventional	Alkalinity as CaCO3	n/a	=	252	mg/L	SM 2320 B	0.56	2			
2015/16-2	Lab	LCS, rec	1/13/2016	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2015/16-2	Lab	method blank	1/13/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	1	mg/L	SM 2320 B	0.56	2			IP
2015/16-2	Lab	LCS	1/13/2016	Conventional	Alkalinity as CaCO3	n/a	=	252	mg/L	SM 2320 B	0.56	2			
2015/16-2	Lab	LCS, rec	1/13/2016	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2015/16-2	Lab	method blank	1/13/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	1	mg/L	SM 2320 B	0.56	2			IP
2015/16-2	MO-CAM	lab duplicate	1/13/2016	Conventional	Alkalinity as CaCO3	n/a	=	22.2	mg/L	SM 2320 B	0.56	2		15	
2015/16-2	000NONPJ	lab duplicate	1/11/2016	Conventional	BOD	n/a	=	1130	mg/L	SM 5210 B	2	2		20	
2015/16-2	000NONPJ	lab duplicate	1/12/2016	Conventional	BOD	n/a	=	166	mg/L	SM 5210 B	2	2		20	
2015/16-2	Lab	LCS	1/11/2016	Conventional	BOD	n/a	=	174	mg/L	SM 5210 B	2	2			
2015/16-2	Lab	LCS, rec	1/11/2016	Conventional	BOD	n/a	=	88	%	SM 5210 B	-88	-88	85	115	
2015/16-2	Lab	LCS	1/11/2016	Conventional	BOD	n/a	=	194	mg/L	SM 5210 B	2	2			
2015/16-2	Lab	LCS, rec	1/11/2016	Conventional	BOD	n/a	=	98	%	SM 5210 B	-88	-88	85	115	
2015/16-2	Lab	LCS	1/12/2016	Conventional	BOD	n/a	=	169	mg/L	SM 5210 B	2	2			
2015/16-2	Lab	LCS, rec	1/12/2016	Conventional	BOD	n/a	=	85	%	SM 5210 B	-88	-88	85	115	
2015/16-2	MO-MEI	lab duplicate	1/11/2016	Conventional	BOD	n/a	=	18	mg/L	SM 5210 B	2	2		20	
2015/16-2	000NONPJ	lab duplicate	1/8/2016	Conventional	COD	n/a	=	277	mg/L	EPA 410.4	0.73	5		15	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	lab duplicate	1/8/2016	Conventional	COD	n/a	=	4830	mg/L	EPA 410.4	7.3	50		15	
2015/16-2	000NONPJ	matrix spike	1/8/2016	Conventional	COD	n/a	=	202	mg/L	EPA 410.4	1.5	10			
2015/16-2	000NONPJ	matrix spike	1/8/2016	Conventional	COD	n/a	=	206	mg/L	EPA 410.4	1.5	10			
2015/16-2	000NONPJ	matrix spike dup	1/8/2016	Conventional	COD	n/a	=	204	mg/L	EPA 410.4	1.5	10			
2015/16-2	000NONPJ	matrix spike dup	1/8/2016	Conventional	COD	n/a	=	195	mg/L	EPA 410.4	1.5	10			
2015/16-2	000NONPJ	matrix spike dup, rec	1/8/2016	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup, rec	1/8/2016	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, rec	1/8/2016	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, rec	1/8/2016	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/8/2016	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2015/16-2	000NONPJ	matrix spike, RPD	1/8/2016	Conventional	COD	n/a	=	6	%	EPA 410.4	-88	-88	0	15	
2015/16-2	Lab	LCS	1/8/2016	Conventional	COD	n/a	=	97.6	mg/L	EPA 410.4	0.73	5			
2015/16-2	Lab	LCS, rec	1/8/2016	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2015/16-2	Lab	method blank	1/8/2016	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2015/16-2	Lab	LCS	1/8/2016	Conventional	COD	n/a	=	97.9	mg/L	EPA 410.4	0.73	5			
2015/16-2	Lab	LCS, rec	1/8/2016	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2015/16-2	Lab	method blank	1/8/2016	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2015/16-2	ME-VR2	matrix spike	1/8/2016	Conventional	COD	n/a	=	228	mg/L	EPA 410.4	1.5	10			
2015/16-2	ME-VR2	matrix spike dup	1/8/2016	Conventional	COD	n/a	=	229	mg/L	EPA 410.4	1.5	10			
2015/16-2	ME-VR2	matrix spike dup, rec	1/8/2016	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2015/16-2	ME-VR2	matrix spike, rec	1/8/2016	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2015/16-2	ME-VR2	matrix spike, RPD	1/8/2016	Conventional	COD	n/a	=	0.3	%	EPA 410.4	-88	-88	0	15	
2015/16-2	MO-CAM	matrix spike	1/8/2016	Conventional	COD	n/a	=	294	mg/L	EPA 410.4	1.5	10			
2015/16-2	MO-CAM	matrix spike dup	1/8/2016	Conventional	COD	n/a	=	297	mg/L	EPA 410.4	1.5	10			
2015/16-2	MO-CAM	matrix spike dup, rec	1/8/2016	Conventional	COD	n/a	=	106	%	EPA 410.4	-88	-88	90	110	
2015/16-2	MO-CAM	matrix spike, rec	1/8/2016	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2015/16-2	MO-CAM	matrix spike, RPD	1/8/2016	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Conventional	Cyanide	Total	=	0.062	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Conventional	Cyanide	Total	=	0.0631	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Conventional	Cyanide	Total	=	88	%	ASTM D7511	-88	-88	64	136	
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Conventional	Cyanide	Total	=	88	%	ASTM D7511	-88	-88	64	136	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Conventional	Cyanide	Total	=	0.6	%	ASTM D7511	-88	-88	0	47	
2015/16-2	Lab	LCS	1/19/2016	Conventional	Cyanide	Total	=	0.0473	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	Lab	LCS	1/19/2016	Conventional	Cyanide	Total	=	0.0478	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	Lab	LCS	1/19/2016	Conventional	Cyanide	Total	=	0.0498	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	Lab	LCS dup	1/19/2016	Conventional	Cyanide	Total	=	0.0481	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88			
2015/16-2	Lab	LCS, rec	1/19/2016	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	84	116	
2015/16-2	Lab	LCS, rec	1/19/2016	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	84	116	
2015/16-2	Lab	LCS, rec	1/19/2016	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	84	116	
2015/16-2	Lab	LCS, RPD	1/19/2016	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0		
2015/16-2	Lab	method blank	1/19/2016	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	Lab	method blank	1/19/2016	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	Lab	method blank	1/19/2016	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	ME-VR2	matrix spike	1/19/2016	Conventional	Cyanide	Total	=	0.04	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	ME-VR2	matrix spike dup	1/19/2016	Conventional	Cyanide	Total	=	0.0406	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	ME-VR2	matrix spike dup, rec	1/19/2016	Conventional	Cyanide	Total	=	77	%	ASTM D7511	-88	-88	64	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	
2015/16-2	ME-VR2	matrix spike, rec	1/19/2016	Conventional	Cyanide	Total	=	76	%	ASTM D7511	-88	-88	64	136	
2015/16-2	ME-VR2	matrix spike, RPD	1/19/2016	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2015/16-2	MO-THO	matrix spike	1/19/2016	Conventional	Cyanide	Total	=	0.0532	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	MO-THO	matrix spike dup	1/19/2016	Conventional	Cyanide	Total	=	0.0537	mg/L	ASTM D7511	0.0005	0.002			
2015/16-2	MO-THO	matrix spike dup, rec	1/19/2016	Conventional	Cyanide	Total	=	90	%	ASTM D7511	-88	-88	64	136	
2015/16-2	MO-THO	matrix spike, rec	1/19/2016	Conventional	Cyanide	Total	=	89	%	ASTM D7511	-88	-88	64	136	
2015/16-2	MO-THO	matrix spike, RPD	1/19/2016	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2015/16-2	Lab	LCS	1/26/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.29	mg/L	SM 5310 C	0.5	0.5			
2015/16-2	Lab	LCS dup	1/26/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.27	mg/L	SM 5310 C	0.5	0.5			
2015/16-2	Lab	LCS dup, rec	1/26/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	105	%	SM 5310 C	-88	-88	85	115	
2015/16-2	Lab	LCS, rec	1/26/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	106	%	SM 5310 C	-88	-88	85	115	
2015/16-2	Lab	LCS, RPD	1/26/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	0.5	%	SM 5310 C	-88	-88	0	20	
2015/16-2	Lab	method blank	1/26/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2015/16-2	Lab	LCS	3/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	4.7	mg/L	SM 5310 C	0.013	0.3			
2015/16-2	Lab	LCS dup	3/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	4.7	mg/L	SM 5310 C	0.013	0.3			
2015/16-2	Lab	LCS dup, rec	3/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	94	%	SM 5310 C	-88	-88	85	115	
2015/16-2	Lab	LCS, rec	3/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	94	%	SM 5310 C	-88	-88	85	115	
2015/16-2	Lab	LCS, RPD	3/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	0.07	%	SM 5310 C	-88	-88	0	20	
2015/16-2	Lab	method blank	3/1/2016	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0325	mg/L	SM 5310 C	0.013	0.3			IP
2015/16-2	000NONPJ	matrix spike	1/7/2016	Conventional	MBAS	n/a	=	0.213	mg/L	SM 5540 C	0.019	0.05			
2015/16-2	000NONPJ	matrix spike dup	1/7/2016	Conventional	MBAS	n/a	=	0.211	mg/L	SM 5540 C	0.019	0.05			
2015/16-2	000NONPJ	matrix spike dup, rec	1/7/2016	Conventional	MBAS	n/a	=	86	%	SM 5540 C	-88	-88	74	123	
2015/16-2	000NONPJ	matrix spike, rec	1/7/2016	Conventional	MBAS	n/a	=	87	%	SM 5540 C	-88	-88	74	123	
2015/16-2	000NONPJ	matrix spike, RPD	1/7/2016	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	20	
2015/16-2	000NONPJ	lab duplicate	1/8/2016	Conventional	MBAS	n/a	DNQ	0.0222	mg/L	SM 5540 C	0.019	0.05		20	
2015/16-2	000NONPJ	matrix spike	1/8/2016	Conventional	MBAS	n/a	=	0.202	mg/L	SM 5540 C	0.019	0.05			
2015/16-2	000NONPJ	matrix spike dup	1/8/2016	Conventional	MBAS	n/a	=	0.21	mg/L	SM 5540 C	0.019	0.05			
2015/16-2	000NONPJ	matrix spike dup, rec	1/8/2016	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	74	123	
2015/16-2	000NONPJ	matrix spike, rec	1/8/2016	Conventional	MBAS	n/a	=	90	%	SM 5540 C	-88	-88	74	123	
2015/16-2	000NONPJ	matrix spike, RPD	1/8/2016	Conventional	MBAS	n/a	=	4	%	SM 5540 C	-88	-88	0	20	
2015/16-2	Lab	LCS	1/7/2016	Conventional	MBAS	n/a	=	0.191	mg/L	SM 5540 C	0.019	0.05			
2015/16-2	Lab	LCS, rec	1/7/2016	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	82	115	
2015/16-2	Lab	method blank	1/7/2016	Conventional	MBAS	n/a	DNQ	0.0242	mg/L	SM 5540 C	0.019	0.05			IP
2015/16-2	Lab	LCS	1/8/2016	Conventional	MBAS	n/a	=	0.192	mg/L	SM 5540 C	0.019	0.05			
2015/16-2	Lab	LCS, rec	1/8/2016	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	82	115	
2015/16-2	Lab	method blank	1/8/2016	Conventional	MBAS	n/a	DNQ	0.0215	mg/L	SM 5540 C	0.019	0.05			IP
2015/16-2	000NONPJ	matrix spike	1/14/2016	Conventional	Phenolics	n/a	=	0.304	mg/L	EPA 420.4	0.0042	0.01			
2015/16-2	000NONPJ	matrix spike, rec	1/14/2016	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/14/2016	Conventional	Phenolics	n/a	=	0.304	mg/L	EPA 420.4	0.0042	0.01			
2015/16-2	000NONPJ	matrix spike dup, rec	1/14/2016	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/14/2016	Conventional	Phenolics	n/a	=	0.02	%	EPA 420.4	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/14/2016	Conventional	Phenolics	n/a	=	0.245	mg/L	EPA 420.4	0.0042	0.01			
2015/16-2	000NONPJ	matrix spike, rec	1/14/2016	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/14/2016	Conventional	Phenolics	n/a	=	0.248	mg/L	EPA 420.4	0.0042	0.01			
2015/16-2	000NONPJ	matrix spike dup, rec	1/14/2016	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/14/2016	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2015/16-2	Lab	method blank	1/14/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS	1/14/2016	Conventional	Phenolics	n/a	=	0.107	mg/L	EPA 420.4	0.0042	0.01			
2015/16-2	Lab	LCS, rec	1/14/2016	Conventional	Phenolics	n/a	=	107	%	EPA 420.4	-88	-88	90	110	
2015/16-2	Lab	method blank	1/18/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2015/16-2	Lab	LCS	1/18/2016	Conventional	Phenolics	n/a	=	0.104	mg/L	EPA 420.4	0.0042	0.01			
2015/16-2	Lab	LCS, rec	1/18/2016	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2015/16-2	MO-HUE	matrix spike	1/18/2016	Conventional	Phenolics	n/a	=	0.528	mg/L	EPA 420.4	0.0084	0.02			
2015/16-2	MO-HUE	matrix spike, rec	1/18/2016	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2015/16-2	MO-HUE	matrix spike dup	1/18/2016	Conventional	Phenolics	n/a	=	0.524	mg/L	EPA 420.4	0.0084	0.02			
2015/16-2	MO-HUE	matrix spike dup, rec	1/18/2016	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	
2015/16-2	MO-HUE	matrix spike, RPD	1/18/2016	Conventional	Phenolics	n/a	=	0.7	%	EPA 420.4	-88	-88	0	20	
2015/16-2	000NONPJ	lab duplicate	1/9/2016	Conventional	Specific Conductance	n/a	=	22.6	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-2	000NONPJ	lab duplicate	1/12/2016	Conventional	Specific Conductance	n/a	=	33.6	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-2	000NONPJ	lab duplicate	1/20/2016	Conventional	Specific Conductance	n/a	=	6410	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-2	Lab	LCS	1/9/2016	Conventional	Specific Conductance	n/a	=	208	µmhos/cm	SM 2510 B	0.23	2			
2015/16-2	Lab	LCS, rec	1/9/2016	Conventional	Specific Conductance	n/a	=	104	%	SM 2510 B	-88	-88	95	105	
2015/16-2	Lab	method blank	1/9/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2015/16-2	Lab	LCS	1/12/2016	Conventional	Specific Conductance	n/a	=	205	µmhos/cm	SM 2510 B	0.23	2			
2015/16-2	Lab	LCS, rec	1/12/2016	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2015/16-2	Lab	method blank	1/12/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2015/16-2	Lab	LCS	1/20/2016	Conventional	Specific Conductance	n/a	=	4900	µmhos/cm	SM 2510 B	0.23	2			
2015/16-2	Lab	LCS, rec	1/20/2016	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2015/16-2	Lab	method blank	1/20/2016	Conventional	Specific Conductance	n/a	DNQ	1.16	µmhos/cm	SM 2510 B	0.23	2			IP
2015/16-2	Lab	LCS	1/6/2016	Conventional	Total Chlorine Residual	n/a	=	0.194	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-2	Lab	LCS, rec	1/6/2016	Conventional	Total Chlorine Residual	n/a	=	97	%	SM 4500-Cl G	-88	-88	85	110	
2015/16-2	Lab	method blank	1/6/2016	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-2	ME-CC	matrix spike	1/6/2016	Conventional	Total Chlorine Residual	n/a	=	0.782	mg/L	SM 4500-Cl G	0.0075	0.25			GB
2015/16-2	ME-CC	matrix spike dup	1/6/2016	Conventional	Total Chlorine Residual	n/a	=	0.788	mg/L	SM 4500-Cl G	0.0075	0.25			
2015/16-2	ME-CC	matrix spike dup, rec	1/6/2016	Conventional	Total Chlorine Residual	n/a	=	78	%	SM 4500-Cl G	-88	-88	78	114	
2015/16-2	ME-CC	matrix spike, rec	1/6/2016	Conventional	Total Chlorine Residual	n/a	=	77	%	SM 4500-Cl G	-88	-88	78	114	GB
2015/16-2	ME-CC	matrix spike, RPD	1/6/2016	Conventional	Total Chlorine Residual	n/a	=	0.7	%	SM 4500-Cl G	-88	-88	0	15	
2015/16-2	000NONPJ	lab duplicate	1/8/2016	Conventional	Total Dissolved Solids	n/a	=	793	mg/L	SM 2540 C	4	10		10	
2015/16-2	000NONPJ	lab duplicate	1/8/2016	Conventional	Total Dissolved Solids	n/a	=	670	mg/L	SM 2540 C	4	10		10	
2015/16-2	000NONPJ	lab duplicate	1/9/2016	Conventional	Total Dissolved Solids	n/a	=	2190	mg/L	SM 2540 C	4	10		10	
2015/16-2	000NONPJ	lab duplicate	1/9/2016	Conventional	Total Dissolved Solids	n/a	=	130	mg/L	SM 2540 C	4	10		10	
2015/16-2	000NONPJ	lab duplicate	1/13/2016	Conventional	Total Dissolved Solids	n/a	=	6240	mg/L	SM 2540 C	4	10		10	
2015/16-2	Lab	LCS	1/8/2016	Conventional	Total Dissolved Solids	n/a	=	817	mg/L	SM 2540 C	4	10			
2015/16-2	Lab	LCS, rec	1/8/2016	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2015/16-2	Lab	method blank	1/8/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-2	Lab	LCS	1/9/2016	Conventional	Total Dissolved Solids	n/a	=	815	mg/L	SM 2540 C	4	10			
2015/16-2	Lab	LCS, rec	1/9/2016	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2015/16-2	Lab	method blank	1/9/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-2	Lab	LCS	1/13/2016	Conventional	Total Dissolved Solids	n/a	=	803	mg/L	SM 2540 C	4	10			
2015/16-2	Lab	LCS, rec	1/13/2016	Conventional	Total Dissolved Solids	n/a	=	97	%	SM 2540 C	-88	-88	96	102	
2015/16-2	Lab	method blank	1/13/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-2	MO-HUE	lab duplicate	1/13/2016	Conventional	Total Dissolved Solids	n/a	=	6320	mg/L	SM 2540 C	4	10		10	
2015/16-2	000NONPJ	matrix spike	1/7/2016	Conventional	Total Organic Carbon	n/a	=	5	mg/L	SM 5310 C	0.009	0.3			
2015/16-2	000NONPJ	matrix spike dup	1/7/2016	Conventional	Total Organic Carbon	n/a	=	4.87	mg/L	SM 5310 C	0.009	0.3			



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	matrix spike dup, rec	1/7/2016	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	80	116	
2015/16-2	000NONPJ	matrix spike, rec	1/7/2016	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 C	-88	-88	80	116	
2015/16-2	000NONPJ	matrix spike, RPD	1/7/2016	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 C	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Conventional	Total Organic Carbon	n/a	=	7.07	mg/L	SM 5310 C	0.009	0.3			
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Conventional	Total Organic Carbon	n/a	=	7.03	mg/L	SM 5310 C	0.009	0.3			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	80	116	
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 C	-88	-88	80	116	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Conventional	Total Organic Carbon	n/a	=	0.6	%	SM 5310 C	-88	-88	0	20	
2015/16-2	Lab	LCS	1/7/2016	Conventional	Total Organic Carbon	n/a	=	4.92	mg/L	SM 5310 C	0.009	0.3			
2015/16-2	Lab	LCS, rec	1/7/2016	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	85	115	
2015/16-2	Lab	method blank	1/7/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0406	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-2	Lab	LCS	1/18/2016	Conventional	Total Organic Carbon	n/a	=	4.95	mg/L	SM 5310 C	0.009	0.3			
2015/16-2	Lab	LCS, rec	1/18/2016	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0348	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-2	000NONPJ	lab duplicate	1/7/2016	Conventional	Total Suspended Solids	n/a	DNQ	4	mg/L	SM 2540 D	-88	5		20	
2015/16-2	000NONPJ	lab duplicate	1/7/2016	Conventional	Total Suspended Solids	n/a	DNQ	2	mg/L	SM 2540 D	-88	5		20	
2015/16-2	000NONPJ	lab duplicate	1/11/2016	Conventional	Total Suspended Solids	n/a	=	2250	mg/L	SM 2540 D	-88	5		20	
2015/16-2	000NONPJ	lab duplicate	1/11/2016	Conventional	Total Suspended Solids	n/a	=	7430	mg/L	SM 2540 D	-88	5		20	
2015/16-2	Lab	method blank	1/7/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2015/16-2	Lab	method blank	1/11/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2015/16-2	000NONPJ	lab duplicate	1/6/2016	Conventional	Turbidity	n/a	DNQ	0.06	NTU	EPA 180.1	0.024	0.1		10	
2015/16-2	000NONPJ	lab duplicate	1/6/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1		10	
2015/16-2	Lab	LCS	1/5/2016	Conventional	Turbidity	n/a	=	14.7	NTU	EPA 180.1	0.024	0.1			
2015/16-2	Lab	LCS, rec	1/5/2016	Conventional	Turbidity	n/a	=	91	%	EPA 180.1	-88	-88	90	110	
2015/16-2	Lab	method blank	1/5/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-2	Lab	LCS	1/6/2016	Conventional	Turbidity	n/a	=	15.2	NTU	EPA 180.1	0.024	0.1			
2015/16-2	Lab	LCS, rec	1/6/2016	Conventional	Turbidity	n/a	=	94	%	EPA 180.1	-88	-88	90	110	
2015/16-2	Lab	method blank	1/6/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-2	Lab	LCS	1/6/2016	Conventional	Turbidity	n/a	=	14.9	NTU	EPA 180.1	0.024	0.1			
2015/16-2	Lab	LCS, rec	1/6/2016	Conventional	Turbidity	n/a	=	93	%	EPA 180.1	-88	-88	90	110	
2015/16-2	Lab	method blank	1/6/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-2	MO-MEI	lab duplicate	1/5/2016	Conventional	Turbidity	n/a	=	188	NTU	EPA 180.1	0.12	0.5		10	
2015/16-2	000NONPJ	lab duplicate	1/7/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2015/16-2	000NONPJ	lab duplicate	1/7/2016	Conventional	Volatile Suspended Solids	n/a	DNQ	4	mg/L	EPA 160.4	3.1	5		15	
2015/16-2	000NONPJ	lab duplicate	1/11/2016	Conventional	Volatile Suspended Solids	n/a	=	380	mg/L	EPA 160.4	3.1	5		15	
2015/16-2	000NONPJ	lab duplicate	1/11/2016	Conventional	Volatile Suspended Solids	n/a	=	810	mg/L	EPA 160.4	3.1	5		15	
2015/16-2	Lab	method blank	1/7/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2015/16-2	Lab	method blank	1/11/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2015/16-2	Lab	method blank	1/18/2016	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015B	0.024	0.1			
2015/16-2	Lab	LCS	1/18/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.558	mg/L	EPA 8015B	0.024	0.1			
2015/16-2	Lab	LCS, rec	1/18/2016	Hydrocarbon	Diesel Range Organics	n/a	=	112	%	EPA 8015B	-88	-88	56	136	
2015/16-2	Lab	LCS dup	1/18/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.669	mg/L	EPA 8015B	0.024	0.1			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Hydrocarbon	Diesel Range Organics	n/a	=	134	%	EPA 8015B	-88	-88	56	136	
2015/16-2	Lab	LCS, RPD	1/18/2016	Hydrocarbon	Diesel Range Organics	n/a	=	18	%	EPA 8015B	-88	-88	0	25	
2015/16-2	Lab	method blank	1/20/2016	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015B	0.024	0.1			
2015/16-2	Lab	LCS	1/20/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.478	mg/L	EPA 8015B	0.024	0.1			
2015/16-2	Lab	LCS, rec	1/20/2016	Hydrocarbon	Diesel Range Organics	n/a	=	96	%	EPA 8015B	-88	-88	56	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	
2015/16-2	Lab	LCS dup	1/20/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.514	mg/L	EPA 8015B	0.024	0.1			
2015/16-2	Lab	LCS dup, rec	1/20/2016	Hydrocarbon	Diesel Range Organics	n/a	=	103	%	EPA 8015B	-88	-88	56	136	
2015/16-2	Lab	LCS, RPD	1/20/2016	Hydrocarbon	Diesel Range Organics	n/a	=	7	%	EPA 8015B	-88	-88	0	25	
2015/16-2	Lab	LCS	1/7/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.12	mg/L	EPA 8015B	0.044	0.1			
2015/16-2	Lab	LCS, rec	1/7/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	112	%	EPA 8015B	-88	-88	75	123	
2015/16-2	Lab	LCS dup	1/7/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.11	mg/L	EPA 8015B	0.044	0.1			
2015/16-2	Lab	LCS dup, rec	1/7/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	111	%	EPA 8015B	-88	-88	75	123	
2015/16-2	Lab	LCS, RPD	1/7/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	0.9	%	EPA 8015B	-88	-88	0	25	
2015/16-2	Lab	method blank	1/7/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-2	Lab	LCS	1/11/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.12	mg/L	EPA 8015B	0.044	0.1			
2015/16-2	Lab	LCS, rec	1/11/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	112	%	EPA 8015B	-88	-88	75	123	
2015/16-2	Lab	LCS dup	1/11/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.08	mg/L	EPA 8015B	0.044	0.1			
2015/16-2	Lab	LCS dup, rec	1/11/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	108	%	EPA 8015B	-88	-88	75	123	
2015/16-2	Lab	LCS, RPD	1/11/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	3	%	EPA 8015B	-88	-88	0	25	
2015/16-2	Lab	method blank	1/11/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-2	Lab	srgt method blank	1/18/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.297	mg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/18/2016	Hydrocarbon	n-Tetracosane	n/a	=	119	%	EPA 8015B	-88	-88	64	155	
2015/16-2	Lab	srgt LCS	1/18/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.286	mg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/18/2016	Hydrocarbon	n-Tetracosane	n/a	=	114	%	EPA 8015B	-88	-88	64	155	
2015/16-2	Lab	srgt LCS dup	1/18/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.298	mg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/18/2016	Hydrocarbon	n-Tetracosane	n/a	=	119	%	EPA 8015B	-88	-88	64	155	
2015/16-2	Lab	srgt method blank	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.315	mg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	126	%	EPA 8015B	-88	-88	64	155	
2015/16-2	Lab	srgt LCS	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.311	mg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	124	%	EPA 8015B	-88	-88	64	155	
2015/16-2	Lab	srgt LCS dup	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.337	mg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	135	%	EPA 8015B	-88	-88	64	155	
2015/16-2	ME-CC	srgt environ	1/19/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.235	mg/L	EPA 8015B	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/19/2016	Hydrocarbon	n-Tetracosane	n/a	=	94	%	EPA 8015B	-88	-88	64	155	
2015/16-2	ME-VR2	srgt environ	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.292	mg/L	EPA 8015B	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	117	%	EPA 8015B	-88	-88	64	155	
2015/16-2	MO-CAM	srgt environ	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.283	mg/L	EPA 8015B	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	113	%	EPA 8015B	-88	-88	64	155	
2015/16-2	MO-FIL	srgt environ	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.286	mg/L	EPA 8015B	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	114	%	EPA 8015B	-88	-88	64	155	
2015/16-2	MO-MEI	srgt environ	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.275	mg/L	EPA 8015B	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015B	-88	-88	64	155	
2015/16-2	MO-OJA	srgt environ	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.306	mg/L	EPA 8015B	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	116	%	EPA 8015B	-88	-88	64	155	
2015/16-2	MO-OXN	srgt environ	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.246	mg/L	EPA 8015B	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015B	-88	-88	64	155	
2015/16-2	MO-SIM	srgt environ	1/19/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.251	mg/L	EPA 8015B	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/19/2016	Hydrocarbon	n-Tetracosane	n/a	=	101	%	EPA 8015B	-88	-88	64	155	
2015/16-2	MO-SPA	srgt environ	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.245	mg/L	EPA 8015B	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015B	-88	-88	64	155	
2015/16-2	MO-THO	srgt environ	1/19/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.28	mg/L	EPA 8015B	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/19/2016	Hydrocarbon	n-Tetracosane	n/a	=	112	%	EPA 8015B	-88	-88	64	155	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-VEN	srgt environ	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.257	mg/L	EPA 8015B	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/20/2016	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2015/16-2	000NONPJ	matrix spike	1/22/2016	Hydrocarbon	Oil and Grease	n/a	=	21.3	mg/L	EPA 1664A	1.3	5			
2015/16-2	000NONPJ	matrix spike, rec	1/22/2016	Hydrocarbon	Oil and Grease	n/a	=	103	%	EPA 1664A	-88	-88	78	114	
2015/16-2	Lab	LCS	1/20/2016	Hydrocarbon	Oil and Grease	n/a	=	19	mg/L	EPA 1664A	1.3	5			
2015/16-2	Lab	LCS	1/20/2016	Hydrocarbon	Oil and Grease	n/a	=	5.3	mg/L	EPA 1664A	1.3	5			
2015/16-2	Lab	LCS dup	1/20/2016	Hydrocarbon	Oil and Grease	n/a	=	19.1	mg/L	EPA 1664A	1.3	5			
2015/16-2	Lab	LCS dup, rec	1/20/2016	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2015/16-2	Lab	LCS, rec	1/20/2016	Hydrocarbon	Oil and Grease	n/a	=	95	%	EPA 1664A	-88	-88	78	114	
2015/16-2	Lab	LCS, rec	1/20/2016	Hydrocarbon	Oil and Grease	n/a	=	106	%	EPA 1664A	-88	-88	78	114	
2015/16-2	Lab	LCS, RPD	1/20/2016	Hydrocarbon	Oil and Grease	n/a	=	0.5	%	EPA 1664A	-88	-88	0	18	
2015/16-2	Lab	method blank	1/20/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-2	Lab	LCS	1/22/2016	Hydrocarbon	Oil and Grease	n/a	=	21.3	mg/L	EPA 1664A	1.3	5			
2015/16-2	Lab	LCS	1/22/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.6	mg/L	EPA 1664A	1.3	5			
2015/16-2	Lab	LCS dup	1/22/2016	Hydrocarbon	Oil and Grease	n/a	=	20.7	mg/L	EPA 1664A	1.3	5			
2015/16-2	Lab	LCS dup, rec	1/22/2016	Hydrocarbon	Oil and Grease	n/a	=	104	%	EPA 1664A	-88	-88	78	114	
2015/16-2	Lab	LCS, rec	1/22/2016	Hydrocarbon	Oil and Grease	n/a	=	106	%	EPA 1664A	-88	-88	78	114	
2015/16-2	Lab	LCS, rec	1/22/2016	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664A	-88	-88	78	114	
2015/16-2	Lab	LCS, RPD	1/22/2016	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664A	-88	-88	0	18	
2015/16-2	Lab	method blank	1/22/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-2	MO-SIM	matrix spike	1/20/2016	Hydrocarbon	Oil and Grease	n/a	=	25	mg/L	EPA 1664A	1.3	5			
2015/16-2	MO-SIM	matrix spike, rec	1/20/2016	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2015/16-2	Lab	method blank	1/18/2016	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2015/16-2	Lab	method blank	1/20/2016	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2015/16-2	Lab	method blank	1/18/2016	Metal	Aluminum	Dissolved	DNQ	1.68	µg/L	EPA 200.8	1.3	5			IP
2015/16-2	Lab	LCS	1/18/2016	Metal	Aluminum	Dissolved	=	56.7	µg/L	EPA 200.8	1.3	5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Aluminum	Dissolved	=	113	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-2	Lab	LCS	1/18/2016	Metal	Aluminum	Dissolved	=	52.2	µg/L	EPA 200.8	1.3	5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Aluminum	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Aluminum	Total	=	656	µg/L	EPA 200.8	1.3	5			GB
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Aluminum	Total	=	35	%	EPA 200.8	-88	-88	70	130	GB
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Aluminum	Total	=	717	µg/L	EPA 200.8	1.3	5			GB
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Aluminum	Total	=	157	%	EPA 200.8	-88	-88	70	130	GB
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Aluminum	Total	=	9	%	EPA 200.8	-88	-88	0	30	GB
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Aluminum	Total	=	305	µg/L	EPA 200.8	1.3	5			GB
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Aluminum	Total	=	-35	%	EPA 200.8	-88	-88	70	130	GB
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Aluminum	Total	=	316	µg/L	EPA 200.8	1.3	5			GB
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Aluminum	Total	=	-15	%	EPA 200.8	-88	-88	70	130	GB
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	GB
2015/16-2	Lab	method blank	1/18/2016	Metal	Aluminum	Total	DNQ	1.88	µg/L	EPA 200.8	1.3	5			IP
2015/16-2	Lab	LCS	1/18/2016	Metal	Aluminum	Total	=	56.7	µg/L	EPA 200.8	1.3	5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Aluminum	Total	=	113	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-2	Lab	LCS	1/18/2016	Metal	Aluminum	Total	=	52.2	µg/L	EPA 200.8	1.3	5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/18/2016	Metal	Aluminum	Total	=	9570	µg/L	EPA 200.8	26	100			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	
2015/16-2	MO-MEI	matrix spike, rec	1/18/2016	Metal	Aluminum	Total	=	1670	%	EPA 200.8	-88	-88	70	130	GB
2015/16-2	MO-MEI	matrix spike dup	1/18/2016	Metal	Aluminum	Total	=	8550	µg/L	EPA 200.8	26	100			GB
2015/16-2	MO-MEI	matrix spike dup, rec	1/18/2016	Metal	Aluminum	Total	=	-37	%	EPA 200.8	-88	-88	70	130	GB
2015/16-2	MO-MEI	matrix spike, RPD	1/18/2016	Metal	Aluminum	Total	=	11	%	EPA 200.8	-88	-88	0	30	GB
2015/16-2	MO-OJA	matrix spike	1/18/2016	Metal	Aluminum	Total	=	4510	µg/L	EPA 200.8	13	50			GB
2015/16-2	MO-OJA	matrix spike, rec	1/18/2016	Metal	Aluminum	Total	=	1300	%	EPA 200.8	-88	-88	70	130	GB
2015/16-2	MO-OJA	matrix spike dup	1/18/2016	Metal	Aluminum	Total	=	4180	µg/L	EPA 200.8	13	50			GB
2015/16-2	MO-OJA	matrix spike dup, rec	1/18/2016	Metal	Aluminum	Total	=	639	%	EPA 200.8	-88	-88	70	130	GB
2015/16-2	MO-OJA	matrix spike, RPD	1/18/2016	Metal	Aluminum	Total	=	8	%	EPA 200.8	-88	-88	0	30	GB
2015/16-2	Lab	method blank	1/12/2016	Metal	Antimony	Dissolved	DNQ	0.0456	µg/L	EPA 200.8	0.045	0.5			IP
2015/16-2	Lab	LCS	1/12/2016	Metal	Antimony	Dissolved	=	50.1	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	Lab	LCS	1/18/2016	Metal	Antimony	Dissolved	=	47.3	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Antimony	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Antimony	Total	=	43.8	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Antimony	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Antimony	Total	=	43	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Antimony	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Antimony	Total	=	47.2	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Antimony	Total	=	47.8	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	Lab	LCS	1/12/2016	Metal	Antimony	Total	=	50.1	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	Lab	LCS	1/18/2016	Metal	Antimony	Total	=	47.3	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Antimony	Total	=	33.4	µg/L	EPA 200.8	0.045	0.5			GB
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Antimony	Total	=	65	%	EPA 200.8	-88	-88	70	130	GB
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Antimony	Total	=	30.9	µg/L	EPA 200.8	0.045	0.5			GB
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Antimony	Total	=	60	%	EPA 200.8	-88	-88	70	130	GB
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Antimony	Total	=	8	%	EPA 200.8	-88	-88	0	30	GB
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Antimony	Total	=	39.6	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Antimony	Total	=	78	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Antimony	Total	=	40.8	µg/L	EPA 200.8	0.045	0.5			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Antimony	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	Lab	LCS	1/12/2016	Metal	Arsenic	Dissolved	=	50.4	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	Lab	LCS	1/18/2016	Metal	Arsenic	Dissolved	=	50.8	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Arsenic	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	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Arsenic	Total	=	52.1	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Arsenic	Total	=	52.3	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Arsenic	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Arsenic	Total	=	52.2	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Arsenic	Total	=	53.9	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	Lab	LCS	1/12/2016	Metal	Arsenic	Total	=	50.4	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	Lab	LCS	1/18/2016	Metal	Arsenic	Total	=	50.8	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Arsenic	Total	=	49.7	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Arsenic	Total	=	50.1	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Arsenic	Total	=	51.8	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Barium	Total	=	69.2	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Barium	Total	=	68.9	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Barium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Barium	Total	=	63.9	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Barium	Total	=	69.4	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Barium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Barium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	Lab	LCS	1/12/2016	Metal	Barium	Total	=	49.7	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	Lab	LCS	1/18/2016	Metal	Barium	Total	=	48.8	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Barium	Total	=	183	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Barium	Total	=	176	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Barium	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Barium	Total	=	4	%	EPA 200.8	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Barium	Total	=	125	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Barium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Barium	Total	=	123	µg/L	EPA 200.8	0.071	0.5			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	Lab	LCS	1/12/2016	Metal	Beryllium	Dissolved	=	50.2	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Beryllium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	Lab	LCS	1/18/2016	Metal	Beryllium	Dissolved	=	48.1	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Beryllium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Beryllium	Total	=	48.4	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Beryllium	Total	=	47.9	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Beryllium	Total	=	47	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Beryllium	Total	=	49.3	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Beryllium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	Lab	LCS	1/12/2016	Metal	Beryllium	Total	=	50.2	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	Lab	LCS	1/18/2016	Metal	Beryllium	Total	=	48.1	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Beryllium	Total	=	49.2	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Beryllium	Total	=	49.8	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Beryllium	Total	=	50.6	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Beryllium	Total	=	50.2	µg/L	EPA 200.8	0.033	0.1			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Beryllium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	Lab	LCS	1/12/2016	Metal	Cadmium	Dissolved	=	48.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	Lab	LCS	1/18/2016	Metal	Cadmium	Dissolved	=	50.4	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Cadmium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Cadmium	Total	=	48.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Cadmium	Total	=	49.2	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Cadmium	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	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Cadmium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Cadmium	Total	=	47.7	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Cadmium	Total	=	48.6	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	Lab	LCS	1/12/2016	Metal	Cadmium	Total	=	48.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	Lab	LCS	1/18/2016	Metal	Cadmium	Total	=	50.4	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Cadmium	Total	=	49	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Cadmium	Total	=	48.3	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Cadmium	Total	=	48.6	µg/L	EPA 200.8	0.041	0.1			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Cadmium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	Lab	LCS	1/12/2016	Metal	Chromium	Dissolved	=	49.4	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	Lab	LCS	1/18/2016	Metal	Chromium	Dissolved	=	50.7	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Chromium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Chromium	Total	=	50.7	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Chromium	Total	=	50.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Chromium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Chromium	Total	=	50.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Chromium	Total	=	51.8	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	Lab	LCS	1/12/2016	Metal	Chromium	Total	=	49.4	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	Lab	LCS	1/18/2016	Metal	Chromium	Total	=	50.7	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Chromium	Total	=	69.1	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Chromium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Chromium	Total	=	67.4	µg/L	EPA 200.8	0.035	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	
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Chromium	Total	=	58	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Chromium	Total	=	57.8	µg/L	EPA 200.8	0.035	0.2			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Chromium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/11/2016	Metal	Chromium VI	n/a	=	5.13	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	000NONPJ	matrix spike, rec	1/11/2016	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2015/16-2	000NONPJ	matrix spike dup	1/11/2016	Metal	Chromium VI	n/a	=	5.03	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	000NONPJ	matrix spike dup, rec	1/11/2016	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2015/16-2	000NONPJ	matrix spike, RPD	1/11/2016	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2015/16-2	000NONPJ	matrix spike	1/12/2016	Metal	Chromium VI	n/a	=	5.08	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	000NONPJ	matrix spike, rec	1/12/2016	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2015/16-2	000NONPJ	matrix spike dup	1/12/2016	Metal	Chromium VI	n/a	=	5.2	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	000NONPJ	matrix spike dup, rec	1/12/2016	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2015/16-2	000NONPJ	matrix spike, RPD	1/12/2016	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2015/16-2	Lab	method blank	1/11/2016	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	Lab	LCS	1/11/2016	Metal	Chromium VI	n/a	=	5.22	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	Lab	LCS, rec	1/11/2016	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	90	110	
2015/16-2	Lab	LCS	1/12/2016	Metal	Chromium VI	n/a	=	4.58	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Chromium VI	n/a	=	92	%	EPA 218.6	-88	-88	90	110	
2015/16-2	Lab	method blank	1/12/2016	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	ME-CC	matrix spike	1/12/2016	Metal	Chromium VI	n/a	=	5.14	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	ME-CC	matrix spike, rec	1/12/2016	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2015/16-2	ME-CC	matrix spike dup	1/12/2016	Metal	Chromium VI	n/a	=	5.12	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	ME-CC	matrix spike dup, rec	1/12/2016	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2015/16-2	ME-CC	matrix spike, RPD	1/12/2016	Metal	Chromium VI	n/a	=	0.5	%	EPA 218.6	-88	-88	0	10	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Metal	Chromium VI	n/a	=	5.06	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Metal	Chromium VI	n/a	=	5.04	µg/L	EPA 218.6	0.0048	0.02			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Metal	Chromium VI	n/a	=	0.4	%	EPA 218.6	-88	-88	0	10	
2015/16-2	Lab	method blank	1/12/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	Lab	LCS	1/12/2016	Metal	Copper	Dissolved	=	49.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	Lab	LCS	1/18/2016	Metal	Copper	Dissolved	=	51.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Copper	Total	=	62	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Copper	Total	=	64.9	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Copper	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Copper	Total	=	58.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Copper	Total	=	60.6	µg/L	EPA 200.8	0.13	0.5			



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	Lab	LCS	1/12/2016	Metal	Copper	Total	=	49.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	Lab	LCS	1/18/2016	Metal	Copper	Total	=	51.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Copper	Total	=	80.3	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Copper	Total	=	80.2	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Copper	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Copper	Total	=	73.1	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Copper	Total	=	73.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Copper	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2015/16-2	Lab	LCS	1/11/2016	Metal	Iron	Dissolved	=	202	µg/L	EPA 200.7	1.1	10			
2015/16-2	Lab	LCS, rec	1/11/2016	Metal	Iron	Dissolved	=	101	%	EPA 200.7	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Iron	Dissolved	DNQ	3.6	µg/L	EPA 200.7	1.1	10			IP
2015/16-2	Lab	LCS	1/18/2016	Metal	Iron	Dissolved	=	201	µg/L	EPA 200.7	1.1	10			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Iron	Dissolved	=	101	%	EPA 200.7	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Iron	Total	=	944	µg/L	EPA 200.7	1.1	10			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Iron	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Iron	Total	=	955	µg/L	EPA 200.7	1.1	10			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Iron	Total	=	115	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Iron	Total	=	718	µg/L	EPA 200.7	1.1	10			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Iron	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Iron	Total	=	714	µg/L	EPA 200.7	1.1	10			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Iron	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Iron	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2015/16-2	Lab	LCS	1/11/2016	Metal	Iron	Total	=	202	µg/L	EPA 200.7	1.1	10			
2015/16-2	Lab	LCS, rec	1/11/2016	Metal	Iron	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Iron	Total	DNQ	1.94	µg/L	EPA 200.7	1.1	10			IP
2015/16-2	Lab	LCS	1/18/2016	Metal	Iron	Total	=	201	µg/L	EPA 200.7	1.1	10			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Iron	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2015/16-2	MO-SPA	matrix spike	1/11/2016	Metal	Iron	Total	=	8480	µg/L	EPA 200.7	1.1	10			GB
2015/16-2	MO-SPA	matrix spike, rec	1/11/2016	Metal	Iron	Total	=	143	%	EPA 200.7	-88	-88	70	130	GB
2015/16-2	MO-SPA	matrix spike dup	1/11/2016	Metal	Iron	Total	=	8040	µg/L	EPA 200.7	1.1	10			GB
2015/16-2	MO-SPA	matrix spike dup, rec	1/11/2016	Metal	Iron	Total	=	-78	%	EPA 200.7	-88	-88	70	130	GB
2015/16-2	MO-SPA	matrix spike, RPD	1/11/2016	Metal	Iron	Total	=	5	%	EPA 200.7	-88	-88	0	30	GB
2015/16-2	MO-VEN	matrix spike	1/11/2016	Metal	Iron	Total	=	7130	µg/L	EPA 200.7	1.1	10			GB
2015/16-2	MO-VEN	matrix spike, rec	1/11/2016	Metal	Iron	Total	=	54	%	EPA 200.7	-88	-88	70	130	GB

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-VEN	matrix spike dup	1/11/2016	Metal	Iron	Total	=	7070	µg/L	EPA 200.7	1.1	10			GB
2015/16-2	MO-VEN	matrix spike dup, rec	1/11/2016	Metal	Iron	Total	=	23	%	EPA 200.7	-88	-88	70	130	GB
2015/16-2	MO-VEN	matrix spike, RPD	1/11/2016	Metal	Iron	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	GB
2015/16-2	Lab	method blank	1/12/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	Lab	LCS	1/12/2016	Metal	Lead	Dissolved	=	49.7	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	Lab	LCS	1/18/2016	Metal	Lead	Dissolved	=	48.7	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Lead	Total	=	50.5	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Lead	Total	=	51.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Lead	Total	=	50	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Lead	Total	=	51.8	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Lead	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	Lab	LCS	1/12/2016	Metal	Lead	Total	=	49.7	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	Lab	LCS	1/18/2016	Metal	Lead	Total	=	48.7	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Lead	Total	=	67.6	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Lead	Total	=	66.1	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Lead	Total	=	56.5	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Lead	Total	=	56.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Lead	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/14/2016	Metal	Mercury	Dissolved	=	1790	ng/L	EPA 245.1	7.8	100			
2015/16-2	000NONPJ	matrix spike dup	1/14/2016	Metal	Mercury	Dissolved	=	1690	ng/L	EPA 245.1	7.8	100			
2015/16-2	000NONPJ	matrix spike dup, rec	1/14/2016	Metal	Mercury	Dissolved	=	84	%	EPA 245.1	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, rec	1/14/2016	Metal	Mercury	Dissolved	=	89	%	EPA 245.1	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/14/2016	Metal	Mercury	Dissolved	=	6	%	EPA 245.1	-88	-88	0	20	
2015/16-2	Lab	LCS	1/14/2016	Metal	Mercury	Dissolved	=	1070	ng/L	EPA 245.1	3.9	50			
2015/16-2	Lab	LCS, rec	1/14/2016	Metal	Mercury	Dissolved	=	107	%	EPA 245.1	-88	-88	85	115	
2015/16-2	Lab	method blank	1/14/2016	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			
2015/16-2	Lab	LCS	1/14/2016	Metal	Mercury	Dissolved	=	1080	ng/L	EPA 245.1	3.9	50			
2015/16-2	Lab	LCS, rec	1/14/2016	Metal	Mercury	Dissolved	=	108	%	EPA 245.1	-88	-88	85	115	
2015/16-2	Lab	method blank	1/14/2016	Metal	Mercury	Dissolved	DNQ	20	ng/L	EPA 245.1	3.9	50			IP
2015/16-2	MO-HUE	matrix spike	1/14/2016	Metal	Mercury	Dissolved	=	1830	ng/L	EPA 245.1	7.8	100			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-HUE	matrix spike dup	1/14/2016	Metal	Mercury	Dissolved	=	1780	ng/L	EPA 245.1	7.8	100			
2015/16-2	MO-HUE	matrix spike dup, rec	1/14/2016	Metal	Mercury	Dissolved	=	89	%	EPA 245.1	-88	-88	70	130	
2015/16-2	MO-HUE	matrix spike, rec	1/14/2016	Metal	Mercury	Dissolved	=	92	%	EPA 245.1	-88	-88	70	130	
2015/16-2	MO-HUE	matrix spike, RPD	1/14/2016	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/14/2016	Metal	Mercury	Total	=	1790	ng/L	EPA 245.1	7.8	100			
2015/16-2	000NONPJ	matrix spike dup	1/14/2016	Metal	Mercury	Total	=	1690	ng/L	EPA 245.1	7.8	100			
2015/16-2	000NONPJ	matrix spike dup, rec	1/14/2016	Metal	Mercury	Total	=	83	%	EPA 245.1	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, rec	1/14/2016	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/14/2016	Metal	Mercury	Total	=	6	%	EPA 245.1	-88	-88	0	20	
2015/16-2	Lab	LCS	1/14/2016	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	3.9	50			
2015/16-2	Lab	LCS, rec	1/14/2016	Metal	Mercury	Total	=	107	%	EPA 245.1	-88	-88	85	115	
2015/16-2	Lab	method blank	1/14/2016	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			
2015/16-2	Lab	LCS	1/14/2016	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	3.9	50			
2015/16-2	Lab	LCS, rec	1/14/2016	Metal	Mercury	Total	=	108	%	EPA 245.1	-88	-88	85	115	
2015/16-2	Lab	method blank	1/14/2016	Metal	Mercury	Total	DNQ	22	ng/L	EPA 245.1	3.9	50			IP
2015/16-2	ME-VR2	matrix spike	1/14/2016	Metal	Mercury	Total	=	994	ng/L	EPA 245.1	3.9	50			
2015/16-2	ME-VR2	matrix spike dup	1/14/2016	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2015/16-2	ME-VR2	matrix spike dup, rec	1/14/2016	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, rec	1/14/2016	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/14/2016	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2015/16-2	MO-CAM	matrix spike	1/14/2016	Metal	Mercury	Total	=	994	ng/L	EPA 245.1	3.9	50			
2015/16-2	MO-CAM	matrix spike dup	1/14/2016	Metal	Mercury	Total	=	960	ng/L	EPA 245.1	3.9	50			
2015/16-2	MO-CAM	matrix spike dup, rec	1/14/2016	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, rec	1/14/2016	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/14/2016	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2015/16-2	MO-HUE	matrix spike	1/14/2016	Metal	Mercury	Total	=	1830	ng/L	EPA 245.1	7.8	100			
2015/16-2	MO-HUE	matrix spike dup	1/14/2016	Metal	Mercury	Total	=	1780	ng/L	EPA 245.1	7.8	100			
2015/16-2	MO-HUE	matrix spike dup, rec	1/14/2016	Metal	Mercury	Total	=	87	%	EPA 245.1	-88	-88	70	130	
2015/16-2	MO-HUE	matrix spike, rec	1/14/2016	Metal	Mercury	Total	=	90	%	EPA 245.1	-88	-88	70	130	
2015/16-2	MO-HUE	matrix spike, RPD	1/14/2016	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2015/16-2	Lab	method blank	1/12/2016	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	Lab	LCS	1/12/2016	Metal	Nickel	Dissolved	=	49.2	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	Lab	LCS	1/18/2016	Metal	Nickel	Dissolved	=	52.2	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Nickel	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Nickel	Total	=	51.1	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Nickel	Total	=	51.2	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Nickel	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Nickel	Total	=	49.9	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Nickel	Total	=	50.6	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	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	
2015/16-2	Lab	LCS	1/12/2016	Metal	Nickel	Total	=	49.2	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	Lab	LCS	1/18/2016	Metal	Nickel	Total	=	52.2	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Nickel	Total	=	75.6	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Nickel	Total	=	75.3	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Nickel	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Nickel	Total	=	58.8	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Nickel	Total	=	58.9	µg/L	EPA 200.8	0.045	0.8			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Nickel	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	Lab	LCS	1/12/2016	Metal	Selenium	Dissolved	=	50.2	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	Lab	LCS	1/18/2016	Metal	Selenium	Dissolved	=	49.8	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Selenium	Total	=	48.9	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Selenium	Total	=	49	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Selenium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Selenium	Total	=	49.5	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Selenium	Total	=	51.4	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Selenium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	Lab	LCS	1/12/2016	Metal	Selenium	Total	=	50.2	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	Lab	LCS	1/18/2016	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Selenium	Total	=	37.8	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Selenium	Total	=	75	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Selenium	Total	=	38.6	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Selenium	Total	=	77	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Selenium	Total	=	44.7	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Selenium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Selenium	Total	=	43.7	µg/L	EPA 200.8	0.14	0.4			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Selenium	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	method blank	1/12/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	Lab	LCS	1/12/2016	Metal	Silver	Dissolved	=	46.6	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Silver	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	Lab	LCS	1/18/2016	Metal	Silver	Dissolved	=	48.4	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Silver	Total	=	45.1	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Silver	Total	=	45.7	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Silver	Total	=	43.6	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Silver	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Silver	Total	=	44.8	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	Lab	LCS	1/12/2016	Metal	Silver	Total	=	46.6	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	Lab	LCS	1/18/2016	Metal	Silver	Total	=	48.4	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Silver	Total	=	46.8	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Silver	Total	=	46.7	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Silver	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Silver	Total	=	46.1	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Silver	Total	=	45.9	µg/L	EPA 200.8	0.062	0.2			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Silver	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	Lab	LCS	1/12/2016	Metal	Thallium	Dissolved	=	50	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	Lab	LCS	1/18/2016	Metal	Thallium	Dissolved	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Thallium	Total	=	49.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Thallium	Total	=	49.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Thallium	Total	=	48.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Thallium	Total	=	50.7	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Thallium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	Lab	LCS	1/12/2016	Metal	Thallium	Total	=	50	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	Lab	LCS	1/18/2016	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Thallium	Total	=	48.9	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Thallium	Total	=	48.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Thallium	Total	=	48.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Thallium	Total	=	49.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Thallium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Zinc	Dissolved	DNQ	1.48	µg/L	EPA 200.8	0.94	5			IP
2015/16-2	Lab	LCS	1/12/2016	Metal	Zinc	Dissolved	=	51.6	µg/L	EPA 200.8	0.94	5			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Zinc	Dissolved	DNQ	1.47	µg/L	EPA 200.8	0.94	5			IP
2015/16-2	Lab	LCS	1/18/2016	Metal	Zinc	Dissolved	=	52.4	µg/L	EPA 200.8	0.94	5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Zinc	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Zinc	Total	=	75.4	µg/L	EPA 200.8	0.94	5			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Zinc	Total	=	75.3	µg/L	EPA 200.8	0.94	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/18/2016	Metal	Zinc	Total	=	58.1	µg/L	EPA 200.8	0.94	5			
2015/16-2	000NONPJ	matrix spike, rec	1/18/2016	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike dup	1/18/2016	Metal	Zinc	Total	=	60.5	µg/L	EPA 200.8	0.94	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/18/2016	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike, RPD	1/18/2016	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-2	Lab	LCS	1/12/2016	Metal	Zinc	Total	=	51.6	µg/L	EPA 200.8	0.94	5			
2015/16-2	Lab	LCS, rec	1/12/2016	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-2	Lab	method blank	1/18/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-2	Lab	LCS	1/18/2016	Metal	Zinc	Total	=	52.4	µg/L	EPA 200.8	0.94	5			
2015/16-2	Lab	LCS, rec	1/18/2016	Metal	Zinc	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2015/16-2	MO-MEI	matrix spike	1/12/2016	Metal	Zinc	Total	=	242	µg/L	EPA 200.8	0.94	5			
2015/16-2	MO-MEI	matrix spike, rec	1/12/2016	Metal	Zinc	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike dup	1/12/2016	Metal	Zinc	Total	=	245	µg/L	EPA 200.8	0.94	5			
2015/16-2	MO-MEI	matrix spike dup, rec	1/12/2016	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-MEI	matrix spike, RPD	1/12/2016	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-2	MO-OJA	matrix spike	1/12/2016	Metal	Zinc	Total	=	168	µg/L	EPA 200.8	0.94	5			
2015/16-2	MO-OJA	matrix spike, rec	1/12/2016	Metal	Zinc	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike dup	1/12/2016	Metal	Zinc	Total	=	162	µg/L	EPA 200.8	0.94	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	
2015/16-2	MO-OJA	matrix spike dup, rec	1/12/2016	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-2	MO-OJA	matrix spike, RPD	1/12/2016	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-2	000NONPJ	lab duplicate	1/26/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1		15	
2015/16-2	Lab	LCS	1/21/2016	Nutrient	Ammonia as N	n/a	=	0.242	mg/L	EPA 350.1	0.048	0.1			
2015/16-2	Lab	LCS, rec	1/21/2016	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2015/16-2	Lab	method blank	1/21/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-2	Lab	LCS	1/26/2016	Nutrient	Ammonia as N	n/a	=	0.249	mg/L	EPA 350.1	0.048	0.1			
2015/16-2	Lab	LCS	1/26/2016	Nutrient	Ammonia as N	n/a	=	0.253	mg/L	EPA 350.1	0.048	0.1			
2015/16-2	Lab	LCS, rec	1/26/2016	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2015/16-2	Lab	LCS, rec	1/26/2016	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2015/16-2	Lab	method blank	1/26/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-2	Lab	method blank	1/26/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-2	ME-VR2	matrix spike	1/26/2016	Nutrient	Ammonia as N	n/a	=	0.346	mg/L	EPA 350.1	0.048	0.1			
2015/16-2	ME-VR2	matrix spike dup	1/26/2016	Nutrient	Ammonia as N	n/a	=	0.349	mg/L	EPA 350.1	0.048	0.1			
2015/16-2	ME-VR2	matrix spike dup, rec	1/26/2016	Nutrient	Ammonia as N	n/a	=	92	%	EPA 350.1	-88	-88	90	110	
2015/16-2	ME-VR2	matrix spike, rec	1/26/2016	Nutrient	Ammonia as N	n/a	=	90	%	EPA 350.1	-88	-88	90	110	
2015/16-2	ME-VR2	matrix spike, RPD	1/26/2016	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	15	
2015/16-2	MO-OXN	matrix spike	1/26/2016	Nutrient	Ammonia as N	n/a	=	1	mg/L	EPA 350.1	0.096	0.2			
2015/16-2	MO-OXN	matrix spike dup	1/26/2016	Nutrient	Ammonia as N	n/a	=	1.01	mg/L	EPA 350.1	0.096	0.2			
2015/16-2	MO-OXN	matrix spike dup, rec	1/26/2016	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2015/16-2	MO-OXN	matrix spike, rec	1/26/2016	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2015/16-2	MO-OXN	matrix spike, RPD	1/26/2016	Nutrient	Ammonia as N	n/a	=	0.7	%	EPA 350.1	-88	-88	0	15	
2015/16-2	MO-THO	matrix spike	1/21/2016	Nutrient	Ammonia as N	n/a	=	0.38	mg/L	EPA 350.1	0.048	0.1			
2015/16-2	MO-THO	matrix spike dup	1/21/2016	Nutrient	Ammonia as N	n/a	=	0.376	mg/L	EPA 350.1	0.048	0.1			
2015/16-2	MO-THO	matrix spike dup, rec	1/21/2016	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	
2015/16-2	MO-THO	matrix spike, rec	1/21/2016	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2015/16-2	MO-THO	matrix spike, RPD	1/21/2016	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2015/16-2	000NONPJ	matrix spike	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.35	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.4	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.23	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.26	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2015/16-2	000NONPJ	lab duplicate	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1.42	mg/L	EPA 353.2	0.01	0.1		20	
2015/16-2	000NONPJ	matrix spike	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.52	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.52	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.21	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.19	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	matrix spike, RPD	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.9	%	EPA 353.2	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.07	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.06	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	6.3	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	6.29	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2015/16-2	Lab	method blank	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	Lab	LCS	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	Lab	LCS, rec	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2015/16-2	Lab	method blank	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	Lab	LCS	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	Lab	LCS, rec	1/6/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2015/16-2	Lab	method blank	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	Lab	LCS	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.94	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	Lab	LCS, rec	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2015/16-2	Lab	method blank	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	Lab	LCS	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1.08	mg/L	EPA 353.2	0.01	0.1			
2015/16-2	Lab	LCS, rec	1/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	lab duplicate	1/6/2016	Nutrient	Nitrate as N	n/a	=	1.42	mg/L	EPA 353.2	0.041	0.1		20	
2015/16-2	000NONPJ	matrix spike	1/6/2016	Nutrient	Nitrate as N	n/a	=	3.52	mg/L	EPA 353.2	0.041	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/6/2016	Nutrient	Nitrate as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/6/2016	Nutrient	Nitrate as N	n/a	=	3.52	mg/L	EPA 353.2	0.041	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/6/2016	Nutrient	Nitrate as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/6/2016	Nutrient	Nitrate as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/7/2016	Nutrient	Nitrate as N	n/a	=	6.28	mg/L	EPA 353.2	0.041	0.1			
2015/16-2	000NONPJ	matrix spike, rec	1/7/2016	Nutrient	Nitrate as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/7/2016	Nutrient	Nitrate as N	n/a	=	6.28	mg/L	EPA 353.2	0.041	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/7/2016	Nutrient	Nitrate as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/7/2016	Nutrient	Nitrate as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2015/16-2	Lab	method blank	1/6/2016	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2015/16-2	Lab	LCS	1/6/2016	Nutrient	Nitrate as N	n/a	=	1.04	mg/L	EPA 353.2	0.041	0.1			
2015/16-2	Lab	LCS, rec	1/6/2016	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2015/16-2	Lab	method blank	1/7/2016	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2015/16-2	Lab	LCS	1/7/2016	Nutrient	Nitrate as N	n/a	=	1.08	mg/L	EPA 353.2	0.041	0.1			
2015/16-2	Lab	LCS, rec	1/7/2016	Nutrient	Nitrate as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0509	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	000NONPJ	matrix spike, rec	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	lab duplicate	1/20/2016	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01		20	
2015/16-2	000NONPJ	matrix spike	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	0.191	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	000NONPJ	matrix spike, rec	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	92	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0504	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	000NONPJ	matrix spike dup, rec	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	matrix spike, RPD	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 365.1	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike dup	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	0.193	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	000NONPJ	matrix spike dup, rec	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	96	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 365.1	-88	-88	0	20	
2015/16-2	Lab	method blank	1/20/2016	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	Lab	LCS	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0504	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	Lab	LCS, rec	1/20/2016	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike	1/14/2016	Nutrient	Phosphorus as P	Total	=	0.0458	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	000NONPJ	matrix spike, rec	1/14/2016	Nutrient	Phosphorus as P	Total	=	92	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/14/2016	Nutrient	Phosphorus as P	Total	=	0.0466	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	000NONPJ	matrix spike dup, rec	1/14/2016	Nutrient	Phosphorus as P	Total	=	93	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/14/2016	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	20	
2015/16-2	000NONPJ	lab duplicate	1/14/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01		20	
2015/16-2	000NONPJ	matrix spike	1/14/2016	Nutrient	Phosphorus as P	Total	=	0.274	mg/L	EPA 365.1	0.0028	0.02			
2015/16-2	000NONPJ	matrix spike, rec	1/14/2016	Nutrient	Phosphorus as P	Total	=	105	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/14/2016	Nutrient	Phosphorus as P	Total	=	0.27	mg/L	EPA 365.1	0.0028	0.02			
2015/16-2	000NONPJ	matrix spike dup, rec	1/14/2016	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/14/2016	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	20	
2015/16-2	000NONPJ	matrix spike	1/22/2016	Nutrient	Phosphorus as P	Total	=	0.0493	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	000NONPJ	matrix spike, rec	1/22/2016	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/22/2016	Nutrient	Phosphorus as P	Total	=	0.0491	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	000NONPJ	matrix spike dup, rec	1/22/2016	Nutrient	Phosphorus as P	Total	=	98	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/22/2016	Nutrient	Phosphorus as P	Total	=	0.4	%	EPA 365.1	-88	-88	0	20	
2015/16-2	000NONPJ	lab duplicate	1/22/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01		20	
2015/16-2	000NONPJ	matrix spike	1/22/2016	Nutrient	Phosphorus as P	Total	=	0.605	mg/L	EPA 365.1	0.007	0.05			
2015/16-2	000NONPJ	matrix spike, rec	1/22/2016	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike dup	1/22/2016	Nutrient	Phosphorus as P	Total	=	0.62	mg/L	EPA 365.1	0.007	0.05			
2015/16-2	000NONPJ	matrix spike dup, rec	1/22/2016	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	matrix spike, RPD	1/22/2016	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	20	
2015/16-2	Lab	method blank	1/14/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	Lab	LCS	1/14/2016	Nutrient	Phosphorus as P	Total	=	0.0495	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	Lab	LCS, rec	1/14/2016	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2015/16-2	Lab	method blank	1/22/2016	Nutrient	Phosphorus as P	Total	DNQ	0.0015	mg/L	EPA 365.1	0.0014	0.01			IP
2015/16-2	Lab	LCS	1/22/2016	Nutrient	Phosphorus as P	Total	=	0.0495	mg/L	EPA 365.1	0.0014	0.01			
2015/16-2	Lab	LCS, rec	1/22/2016	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2015/16-2	000NONPJ	lab duplicate	1/19/2016	Nutrient	TKN	n/a	=	0.854	mg/L	EPA 351.2	0.05	0.1		10	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Nutrient	TKN	n/a	=	3.59	mg/L	EPA 351.2	0.05	0.1			GB
2015/16-2	000NONPJ	matrix spike	1/19/2016	Nutrient	TKN	n/a	=	2.13	mg/L	EPA 351.2	0.05	0.1			GB
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Nutrient	TKN	n/a	=	1.96	mg/L	EPA 351.2	0.05	0.1			GB
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Nutrient	TKN	n/a	=	3.08	mg/L	EPA 351.2	0.05	0.1			GB,IL
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Nutrient	TKN	n/a	=	117	%	EPA 351.2	-88	-88	90	110	GB
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Nutrient	TKN	n/a	=	61	%	EPA 351.2	-88	-88	90	110	GB,IL
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Nutrient	TKN	n/a	=	133	%	EPA 351.2	-88	-88	90	110	GB
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Nutrient	TKN	n/a	=	112	%	EPA 351.2	-88	-88	90	110	GB
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Nutrient	TKN	n/a	=	15	%	EPA 351.2	-88	-88	0	10	GB,IL
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Nutrient	TKN	n/a	=	8	%	EPA 351.2	-88	-88	0	10	GB
2015/16-2	Lab	LCS	1/19/2016	Nutrient	TKN	n/a	=	0.977	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	
2015/16-2	Lab	LCS	1/19/2016	Nutrient	TKN	n/a	=	0.97	mg/L	EPA 351.2	0.05	0.1			
2015/16-2	Lab	LCS, rec	1/19/2016	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2015/16-2	Lab	LCS, rec	1/19/2016	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2015/16-2	Lab	method blank	1/19/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-2	Lab	method blank	1/19/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	14.1	µg/L	EPA 625	0.55	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	44	142	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	14.9	µg/L	EPA 625	0.55	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	44	142	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	18.8	µg/L	EPA 625	0.55	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	44	142	
2015/16-2	Lab	method blank	1/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	20	µg/L	EPA 625	0.55	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	44	142	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	21.8	µg/L	EPA 625	0.55	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	87	%	EPA 625	-88	-88	44	142	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	1,2-Dichlorobenzene	n/a	=	14.2	µg/L	EPA 625	0.57	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	1,2-Dichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	32	129	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	1,2-Dichlorobenzene	n/a	=	15	µg/L	EPA 625	0.57	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	1,2-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	32	129	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	1,2-Dichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	1,2-Dichlorobenzene	n/a	=	18.6	µg/L	EPA 625	0.57	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	1,2-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	32	129	
2015/16-2	Lab	method blank	1/28/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	1,2-Dichlorobenzene	n/a	=	17.5	µg/L	EPA 625	0.57	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	1,2-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	32	129	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	1,2-Dichlorobenzene	n/a	=	19.3	µg/L	EPA 625	0.57	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	32	129	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	1,2-Dichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	srgt matrix spike	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.4	µg/L	EPA 624	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2015/16-2	000NONPJ	srgt matrix spike dup	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.6	µg/L	EPA 624	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2015/16-2	Lab	srgt LCS	1/7/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/7/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-2	Lab	srgt LCS dup	1/7/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.4	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/7/2016	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2015/16-2	Lab	srgt method blank	1/7/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/7/2016	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2015/16-2	Lab	srgt LCS	1/11/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.9	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/11/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-2	Lab	srgt LCS dup	1/11/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/11/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	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	
2015/16-2	Lab	srgt method blank	1/11/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/11/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-2	ME-CC	srgt environ	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53	µg/L	EPA 624	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624	-88	-88	82	125	
2015/16-2	ME-SCR	srgt environ	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2015/16-2	ME-SCR	srgt environ, rec	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-2	ME-VR2	srgt environ	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.3	µg/L	EPA 624	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-CAM	srgt environ	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-FIL	srgt environ	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-HUE	srgt environ	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2015/16-2	MO-HUE	srgt environ, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-MEI	srgt environ	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-MPK	srgt environ	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-2	MO-MPK	srgt environ, rec	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-OJA	srgt environ	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.5	µg/L	EPA 624	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-OXN	srgt environ	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.4	µg/L	EPA 624	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-SIM	srgt environ	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.7	µg/L	EPA 624	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-SPA	srgt environ	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-THO	srgt environ	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-THO	srgt matrix spike	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-2	MO-THO	srgt matrix spike, rec	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-THO	srgt matrix spike dup	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52	µg/L	EPA 624	-88	-88			
2015/16-2	MO-THO	srgt matrix spike dup, rec	1/12/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2015/16-2	MO-VEN	srgt environ	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.6	µg/L	EPA 624	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/8/2016	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624	-88	-88	82	125	
2015/16-2	Lab	method blank	1/19/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	method blank	1/28/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	1,3-Dichlorobenzene	n/a	=	13.4	µg/L	EPA 625	0.53	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	1,3-Dichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	0.1	172	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	1,3-Dichlorobenzene	n/a	=	14.1	µg/L	EPA 625	0.53	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	1,3-Dichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	0.1	172	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	1,3-Dichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	1,3-Dichlorobenzene	n/a	=	17.8	µg/L	EPA 625	0.53	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	1,3-Dichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	0.1	172	
2015/16-2	Lab	method blank	1/28/2016	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	1,3-Dichlorobenzene	n/a	=	18	µg/L	EPA 625	0.53	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	1,3-Dichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	0.1	172	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	1,3-Dichlorobenzene	n/a	=	19.9	µg/L	EPA 625	0.53	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	1,3-Dichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	0.1	172	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	1,3-Dichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	srgt matrix spike	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2015/16-2	000NONPJ	srgt matrix spike dup	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.24	µg/L	EPA 525.2	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt method blank	1/12/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.506	µg/L	EPA 525.2m	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/12/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	Lab	srgt LCS	1/12/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.516	µg/L	EPA 525.2m	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/12/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	Lab	srgt LCS dup	1/12/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.528	µg/L	EPA 525.2m	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/12/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	Lab	srgt method blank	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt LCS	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.03	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt LCS dup	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt method blank	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt LCS	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt LCS dup	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt method blank	2/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.21	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt LCS	2/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt LCS dup	2/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt method blank	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt LCS	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt method blank	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2015/16-2	Lab	srgt LCS	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	138	
2015/16-2	ME-CC	srgt environ	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.563	µg/L	EPA 525.2m	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	ME-CC	srgt environ	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	23.3	µg/L	EPA 525.2	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2	-88	-88	73	138	
2015/16-2	ME-VR2	srgt environ	1/12/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.525	µg/L	EPA 525.2m	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/12/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	ME-VR2	srgt environ	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	27.3	µg/L	EPA 525.2	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	138	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-CAM	srgt environ	1/12/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.596	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/12/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	119	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	MO-CAM	srgt environ	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.66	µg/L	EPA 525.2	-88	-88			H
2015/16-2	MO-CAM	srgt environ, rec	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	73	138	H
2015/16-2	MO-FIL	srgt environ	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.603	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	121	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	MO-FIL	srgt environ	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.6	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2015/16-2	MO-MEI	srgt environ	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.607	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	121	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	MO-MEI	srgt environ	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.8	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2015/16-2	MO-OJA	srgt environ	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.591	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	118	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	MO-OJA	srgt environ	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.7	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2015/16-2	MO-OXN	srgt environ	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.609	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	122	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	MO-OXN	srgt environ	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	27.4	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	138	
2015/16-2	MO-SIM	srgt environ	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.57	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	MO-SIM	srgt environ	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	22.2	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	138	
2015/16-2	MO-SPA	srgt environ	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.638	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	128	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	MO-SPA	srgt environ	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	27	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2015/16-2	MO-THO	srgt environ	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.635	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	127	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	MO-THO	srgt environ	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	22.3	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	138	
2015/16-2	MO-VEN	srgt environ	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.625	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	125	%	EPA 525.2m	-88	-88	76	128	
2015/16-2	MO-VEN	srgt environ	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.9	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	2/3/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	1,4-Dichlorobenzene	n/a	=	14.2	µg/L	EPA 625	0.55	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	1,4-Dichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	20	124	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	1,4-Dichlorobenzene	n/a	=	14.7	µg/L	EPA 625	0.55	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	1,4-Dichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	20	124	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	1,4-Dichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	1,4-Dichlorobenzene	n/a	=	18.7	µg/L	EPA 625	0.55	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	1,4-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	20	124	
2015/16-2	Lab	method blank	1/28/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	1,4-Dichlorobenzene	n/a	=	19.2	µg/L	EPA 625	0.55	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	1,4-Dichlorobenzene	n/a	=	77	%	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	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	1,4-Dichlorobenzene	n/a	=	21.1	µg/L	EPA 625	0.55	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	1,4-Dichlorobenzene	n/a	=	85	%	EPA 625	-88	-88	20	124	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	1,4-Dichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	method blank	2/18/2016	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2015/16-2	000NONPJ	srgt matrix spike	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	27.3	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625	-88	-88	25	102	
2015/16-2	000NONPJ	srgt matrix spike dup	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	30.6	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 625	-88	-88	25	102	
2015/16-2	Lab	srgt method blank	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	31.9	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	25	102	
2015/16-2	Lab	srgt LCS	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	35	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	25	102	
2015/16-2	Lab	srgt method blank	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	40	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2015/16-2	Lab	srgt LCS	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	40.4	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	25	102	
2015/16-2	Lab	srgt LCS dup	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	43	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625	-88	-88	25	102	
2015/16-2	Lab	srgt method blank	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.9	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2015/16-2	Lab	srgt LCS	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.37	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2015/16-2	Lab	srgt LCS dup	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.17	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2015/16-2	ME-CC	srgt environ	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	36.6	µg/L	EPA 625	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	25	102	
2015/16-2	ME-CC	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.45	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2015/16-2	ME-VR2	srgt environ	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	37.5	µg/L	EPA 625	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625	-88	-88	25	102	
2015/16-2	ME-VR2	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.6	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270C	-88	-88	26	117	
2015/16-2	MO-CAM	srgt environ	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	38.8	µg/L	EPA 625	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	25	102	
2015/16-2	MO-CAM	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.67	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2015/16-2	MO-FIL	srgt environ	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	42.2	µg/L	EPA 625	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625	-88	-88	25	102	
2015/16-2	MO-FIL	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.19	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2015/16-2	MO-MEI	srgt environ	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	40.8	µg/L	EPA 625	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2015/16-2	MO-MEI	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.4	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2015/16-2	MO-OJA	srgt environ	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	45.3	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625	-88	-88	25	102	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-OJA	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.86	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2015/16-2	MO-OXN	srgt environ	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	40.1	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2015/16-2	MO-OXN	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.48	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 8270C	-88	-88	26	117	
2015/16-2	MO-SIM	srgt environ	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	43	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625	-88	-88	25	102	
2015/16-2	MO-SIM	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.02	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2015/16-2	MO-SPA	srgt environ	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	44.4	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625	-88	-88	25	102	
2015/16-2	MO-SPA	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	10.4	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	104	%	EPA 8270C	-88	-88	26	117	
2015/16-2	MO-THO	srgt environ	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	46.5	µg/L	EPA 625	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625	-88	-88	25	102	
2015/16-2	MO-THO	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.61	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270C	-88	-88	26	117	
2015/16-2	MO-VEN	srgt environ	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	35.3	µg/L	EPA 625	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	25	102	
2015/16-2	MO-VEN	srgt environ	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.84	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	2/19/2016	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 8270C	-88	-88	26	117	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	15.2	µg/L	EPA 625	0.22	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	61	%	EPA 625	-88	-88	37	144	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	17.1	µg/L	EPA 625	0.22	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	68	%	EPA 625	-88	-88	37	144	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	19.4	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	78	%	EPA 625	-88	-88	37	144	
2015/16-2	Lab	method blank	1/28/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	21.4	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 625	-88	-88	37	144	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	22.8	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	91	%	EPA 625	-88	-88	37	144	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-2	Lab	LCS	2/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	6.8	µg/L	EPA 8270C	0.3	1			
2015/16-2	Lab	LCS, rec	2/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	68	%	EPA 8270C	-88	-88	30	115	
2015/16-2	Lab	LCS dup	2/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	6.22	µg/L	EPA 8270C	0.3	1			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	62	%	EPA 8270C	-88	-88	30	115	
2015/16-2	Lab	LCS, RPD	2/19/2016	Organic	2,4,6-Trichlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	2,4-Dichlorophenol	n/a	=	15.6	µg/L	EPA 625	0.26	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	2,4-Dichlorophenol	n/a	=	62	%	EPA 625	-88	-88	39	135	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	2,4-Dichlorophenol	n/a	=	17	µg/L	EPA 625	0.26	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	2,4-Dichlorophenol	n/a	=	68	%	EPA 625	-88	-88	39	135	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	2,4-Dichlorophenol	n/a	=	8	%	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	
2015/16-2	Lab	method blank	1/19/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	2,4-Dichlorophenol	n/a	=	19.3	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	2,4-Dichlorophenol	n/a	=	77	%	EPA 625	-88	-88	39	135	
2015/16-2	Lab	method blank	1/28/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	2,4-Dichlorophenol	n/a	=	21.3	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	2,4-Dichlorophenol	n/a	=	85	%	EPA 625	-88	-88	39	135	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	2,4-Dichlorophenol	n/a	=	23.2	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	2,4-Dichlorophenol	n/a	=	93	%	EPA 625	-88	-88	39	135	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	2,4-Dichlorophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/19/2016	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2015/16-2	Lab	LCS	2/19/2016	Organic	2,4-Dichlorophenol	n/a	=	6.9	µg/L	EPA 8270C	0.51	1			
2015/16-2	Lab	LCS, rec	2/19/2016	Organic	2,4-Dichlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	32	105	
2015/16-2	Lab	LCS dup	2/19/2016	Organic	2,4-Dichlorophenol	n/a	=	6.43	µg/L	EPA 8270C	0.51	1			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Organic	2,4-Dichlorophenol	n/a	=	64	%	EPA 8270C	-88	-88	32	105	
2015/16-2	Lab	LCS, RPD	2/19/2016	Organic	2,4-Dichlorophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2015/16-2	Lab	srgt method blank	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.22	µg/L	EPA 515.3	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-2	Lab	srgt LCS	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.74	µg/L	EPA 515.3	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-CC	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.31	µg/L	EPA 515.3	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-SCR	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.74	µg/L	EPA 515.3	-88	-88			
2015/16-2	ME-SCR	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	srgt matrix spike	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.02	µg/L	EPA 515.3	-88	-88			
2015/16-2	ME-VR2	srgt matrix spike, rec	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	srgt matrix spike dup	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.81	µg/L	EPA 515.3	-88	-88			
2015/16-2	ME-VR2	srgt matrix spike dup, rec	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	srgt environ	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.96	µg/L	EPA 515.3	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	srgt matrix spike	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.02	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-CAM	srgt matrix spike, rec	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	srgt matrix spike dup	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.87	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-CAM	srgt matrix spike dup, rec	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	srgt environ	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.84	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-FIL	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.12	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-HUE	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.97	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-HUE	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-MEI	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.84	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-MPK	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.18	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-MPK	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-OJA	srgt environ	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.72	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/11/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-OXN	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.22	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-SIM	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.12	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-SPA	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.96	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-THO	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.06	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-VEN	srgt environ	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.88	µg/L	EPA 515.3	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/12/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	2,4-Dimethylphenol	n/a	=	15.4	µg/L	EPA 625	0.3	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	2,4-Dimethylphenol	n/a	=	62	%	EPA 625	-88	-88	32	119	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	2,4-Dimethylphenol	n/a	=	16.3	µg/L	EPA 625	0.3	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	2,4-Dimethylphenol	n/a	=	65	%	EPA 625	-88	-88	32	119	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	2,4-Dimethylphenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	2,4-Dimethylphenol	n/a	=	17.4	µg/L	EPA 625	0.3	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	2,4-Dimethylphenol	n/a	=	70	%	EPA 625	-88	-88	32	119	
2015/16-2	Lab	method blank	1/28/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	2,4-Dimethylphenol	n/a	=	17.3	µg/L	EPA 625	0.3	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	2,4-Dimethylphenol	n/a	=	69	%	EPA 625	-88	-88	32	119	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	2,4-Dimethylphenol	n/a	=	20	µg/L	EPA 625	0.3	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	2,4-Dimethylphenol	n/a	=	80	%	EPA 625	-88	-88	32	119	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	2,4-Dimethylphenol	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-2	Lab	LCS	2/19/2016	Organic	2,4-Dimethylphenol	n/a	=	5.28	µg/L	EPA 8270C	1	2			
2015/16-2	Lab	LCS, rec	2/19/2016	Organic	2,4-Dimethylphenol	n/a	=	53	%	EPA 8270C	-88	-88	31	97	
2015/16-2	Lab	LCS dup	2/19/2016	Organic	2,4-Dimethylphenol	n/a	=	4.85	µg/L	EPA 8270C	1	2			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Organic	2,4-Dimethylphenol	n/a	=	48	%	EPA 8270C	-88	-88	31	97	
2015/16-2	Lab	LCS, RPD	2/19/2016	Organic	2,4-Dimethylphenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	2,4-Dinitrophenol	n/a	=	16.7	µg/L	EPA 625	1.6	10			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	2,4-Dinitrophenol	n/a	=	67	%	EPA 625	-88	-88	0.1	191	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	2,4-Dinitrophenol	n/a	=	18.4	µg/L	EPA 625	1.6	10			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	2,4-Dinitrophenol	n/a	=	73	%	EPA 625	-88	-88	0.1	191	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	2,4-Dinitrophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-2	Lab	LCS	1/19/2016	Organic	2,4-Dinitrophenol	n/a	=	18	µg/L	EPA 625	1.6	10			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	2,4-Dinitrophenol	n/a	=	72	%	EPA 625	-88	-88	0.1	191	
2015/16-2	Lab	method blank	1/28/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-2	Lab	LCS	1/28/2016	Organic	2,4-Dinitrophenol	n/a	=	21.8	µg/L	EPA 625	1.6	10			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	2,4-Dinitrophenol	n/a	=	87	%	EPA 625	-88	-88	0.1	191	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	2,4-Dinitrophenol	n/a	=	23.8	µg/L	EPA 625	1.6	10			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	2,4-Dinitrophenol	n/a	=	95	%	EPA 625	-88	-88	0.1	191	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-2	Lab	LCS	2/19/2016	Organic	2,4-Dinitrophenol	n/a	=	5.84	µg/L	EPA 8270C	1	2			
2015/16-2	Lab	LCS, rec	2/19/2016	Organic	2,4-Dinitrophenol	n/a	=	58	%	EPA 8270C	-88	-88	7	155	
2015/16-2	Lab	LCS dup	2/19/2016	Organic	2,4-Dinitrophenol	n/a	=	4.6	µg/L	EPA 8270C	1	2			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Organic	2,4-Dinitrophenol	n/a	=	46	%	EPA 8270C	-88	-88	7	155	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS, RPD	2/19/2016	Organic	2,4-Dinitrophenol	n/a	=	24	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	2,4-Dinitrotoluene	n/a	=	14.6	µg/L	EPA 625	0.18	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	2,4-Dinitrotoluene	n/a	=	58	%	EPA 625	-88	-88	39	139	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	2,4-Dinitrotoluene	n/a	=	15.9	µg/L	EPA 625	0.18	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	2,4-Dinitrotoluene	n/a	=	64	%	EPA 625	-88	-88	39	139	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	2,4-Dinitrotoluene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	2,4-Dinitrotoluene	n/a	=	18.3	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	2,4-Dinitrotoluene	n/a	=	73	%	EPA 625	-88	-88	39	139	
2015/16-2	Lab	method blank	1/28/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	2,4-Dinitrotoluene	n/a	=	21	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	2,4-Dinitrotoluene	n/a	=	84	%	EPA 625	-88	-88	39	139	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	2,4-Dinitrotoluene	n/a	=	22.4	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	2,4-Dinitrotoluene	n/a	=	90	%	EPA 625	-88	-88	39	139	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	2,4-Dinitrotoluene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	2,6-Dinitrotoluene	n/a	=	14	µg/L	EPA 625	0.27	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	2,6-Dinitrotoluene	n/a	=	56	%	EPA 625	-88	-88	50	158	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	2,6-Dinitrotoluene	n/a	=	15.2	µg/L	EPA 625	0.27	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	2,6-Dinitrotoluene	n/a	=	61	%	EPA 625	-88	-88	50	158	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	2,6-Dinitrotoluene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	2,6-Dinitrotoluene	n/a	=	17.7	µg/L	EPA 625	0.27	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	2,6-Dinitrotoluene	n/a	=	71	%	EPA 625	-88	-88	50	158	
2015/16-2	Lab	method blank	1/28/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	2,6-Dinitrotoluene	n/a	=	20.6	µg/L	EPA 625	0.27	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	2,6-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	50	158	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	2,6-Dinitrotoluene	n/a	=	21.5	µg/L	EPA 625	0.27	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625	-88	-88	50	158	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	2,6-Dinitrotoluene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/8/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	17.6	µg/L	EPA 624	0.28	1			
2015/16-2	000NONPJ	matrix spike, rec	1/8/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	35	%	EPA 624	-88	-88	0.1	305	
2015/16-2	000NONPJ	matrix spike dup	1/8/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	16.6	µg/L	EPA 624	0.28	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/8/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	33	%	EPA 624	-88	-88	0.1	305	
2015/16-2	000NONPJ	matrix spike, RPD	1/8/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	6	%	EPA 624	-88	-88	0	25	
2015/16-2	Lab	LCS	1/7/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	36.7	µg/L	EPA 624	0.28	1			
2015/16-2	Lab	LCS, rec	1/7/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	73	%	EPA 624	-88	-88	0.1	305	
2015/16-2	Lab	LCS dup	1/7/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	38.8	µg/L	EPA 624	0.28	1			
2015/16-2	Lab	LCS dup, rec	1/7/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	78	%	EPA 624	-88	-88	0.1	305	
2015/16-2	Lab	LCS, RPD	1/7/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	6	%	EPA 624	-88	-88	0	25	
2015/16-2	Lab	method blank	1/7/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2015/16-2	Lab	LCS	1/11/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	48.6	µg/L	EPA 624	0.28	1			
2015/16-2	Lab	LCS, rec	1/11/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	97	%	EPA 624	-88	-88	0.1	305	
2015/16-2	Lab	LCS dup	1/11/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	48.4	µg/L	EPA 624	0.28	1			
2015/16-2	Lab	LCS dup, rec	1/11/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	97	%	EPA 624	-88	-88	0.1	305	
2015/16-2	Lab	LCS, RPD	1/11/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	0.6	%	EPA 624	-88	-88	0	25	
2015/16-2	Lab	method blank	1/11/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2015/16-2	MO-THO	matrix spike	1/12/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	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	
2015/16-2	MO-THO	matrix spike, rec	1/12/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB
2015/16-2	MO-THO	matrix spike dup	1/12/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			GB
2015/16-2	MO-THO	matrix spike dup, rec	1/12/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0.1	305	GB
2015/16-2	MO-THO	matrix spike, RPD	1/12/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	0	%	EPA 624	-88	-88	0	25	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	2-Chloronaphthalene	n/a	=	13.4	µg/L	EPA 625	0.45	1			GB
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	2-Chloronaphthalene	n/a	=	54	%	EPA 625	-88	-88	60	118	GB
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	2-Chloronaphthalene	n/a	=	14.8	µg/L	EPA 625	0.45	1			GB
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	2-Chloronaphthalene	n/a	=	59	%	EPA 625	-88	-88	60	118	GB
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	2-Chloronaphthalene	n/a	=	10	%	EPA 625	-88	-88	0	30	GB
2015/16-2	Lab	method blank	1/19/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	2-Chloronaphthalene	n/a	=	18	µg/L	EPA 625	0.45	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625	-88	-88	60	118	
2015/16-2	Lab	method blank	1/28/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	2-Chloronaphthalene	n/a	=	18.6	µg/L	EPA 625	0.45	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	2-Chloronaphthalene	n/a	=	74	%	EPA 625	-88	-88	60	118	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	2-Chloronaphthalene	n/a	=	19.7	µg/L	EPA 625	0.45	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	2-Chloronaphthalene	n/a	=	79	%	EPA 625	-88	-88	60	118	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	2-Chloronaphthalene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	2-Chlorophenol	n/a	=	15.2	µg/L	EPA 625	0.28	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	2-Chlorophenol	n/a	=	61	%	EPA 625	-88	-88	23	134	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	2-Chlorophenol	n/a	=	16.4	µg/L	EPA 625	0.28	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	2-Chlorophenol	n/a	=	66	%	EPA 625	-88	-88	23	134	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	2-Chlorophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	2-Chlorophenol	n/a	=	18.7	µg/L	EPA 625	0.28	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	2-Chlorophenol	n/a	=	75	%	EPA 625	-88	-88	23	134	
2015/16-2	Lab	method blank	1/28/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	2-Chlorophenol	n/a	=	19.2	µg/L	EPA 625	0.28	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	2-Chlorophenol	n/a	=	77	%	EPA 625	-88	-88	23	134	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	2-Chlorophenol	n/a	=	21.4	µg/L	EPA 625	0.28	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	2-Chlorophenol	n/a	=	86	%	EPA 625	-88	-88	23	134	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	2-Chlorophenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2015/16-2	Lab	LCS	2/19/2016	Organic	2-Chlorophenol	n/a	=	7.19	µg/L	EPA 8270C	0.65	1			
2015/16-2	Lab	LCS, rec	2/19/2016	Organic	2-Chlorophenol	n/a	=	72	%	EPA 8270C	-88	-88	27	90	
2015/16-2	Lab	LCS dup	2/19/2016	Organic	2-Chlorophenol	n/a	=	6.75	µg/L	EPA 8270C	0.65	1			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Organic	2-Chlorophenol	n/a	=	68	%	EPA 8270C	-88	-88	27	90	
2015/16-2	Lab	LCS, RPD	2/19/2016	Organic	2-Chlorophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	srgt matrix spike	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 625	-88	-88	22	107	
2015/16-2	000NONPJ	srgt matrix spike dup	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	15.1	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	22	107	
2015/16-2	Lab	srgt method blank	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	107	
2015/16-2	Lab	srgt LCS	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	107	
2015/16-2	Lab	srgt method blank	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	20.7	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	
2015/16-2	Lab	srgt method blank, rec	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	107	
2015/16-2	Lab	srgt LCS	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	107	
2015/16-2	Lab	srgt LCS dup	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	107	
2015/16-2	Lab	srgt method blank	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2015/16-2	Lab	srgt LCS	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	3.65	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2015/16-2	Lab	srgt LCS dup	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	3.24	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2015/16-2	ME-CC	srgt environ	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2015/16-2	ME-CC	srgt environ	2/19/2016	Organic	2-Fluorobiphenyl	n/a	=	3.41	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	2/19/2016	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2015/16-2	ME-VR2	srgt environ	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	107	
2015/16-2	ME-VR2	srgt environ	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	3.4	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2015/16-2	MO-CAM	srgt environ	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	107	
2015/16-2	MO-CAM	srgt environ	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	3.2	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2015/16-2	MO-FIL	srgt environ	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	107	
2015/16-2	MO-FIL	srgt environ	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	3.45	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2015/16-2	MO-MEI	srgt environ	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625	-88	-88	22	107	
2015/16-2	MO-MEI	srgt environ	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	3.12	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270C	-88	-88	51	139	
2015/16-2	MO-OJA	srgt environ	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	26.1	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	104	%	EPA 625	-88	-88	22	107	
2015/16-2	MO-OJA	srgt environ	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	3.25	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2015/16-2	MO-OXN	srgt environ	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	21.1	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	107	
2015/16-2	MO-OXN	srgt environ	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	3.89	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2015/16-2	MO-SIM	srgt environ	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	107	
2015/16-2	MO-SIM	srgt environ	2/19/2016	Organic	2-Fluorobiphenyl	n/a	=	3.72	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	2/19/2016	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2015/16-2	MO-SPA	srgt environ	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	23.7	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	95	%	EPA 625	-88	-88	22	107	
2015/16-2	MO-SPA	srgt environ	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	4.08	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270C	-88	-88	51	139	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-THO	srgt environ	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	21	µg/L	EPA 625	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/28/2016	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	107	
2015/16-2	MO-THO	srgt environ	2/19/2016	Organic	2-Fluorobiphenyl	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	2/19/2016	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270C	-88	-88	51	139	
2015/16-2	MO-VEN	srgt environ	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	17.6	µg/L	EPA 625	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/19/2016	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	107	
2015/16-2	MO-VEN	srgt environ	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	3.5	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	2/18/2016	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270C	-88	-88	51	139	
2015/16-2	000NONPJ	srgt matrix spike	1/19/2016	Organic	2-Fluorophenol	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	3	74	
2015/16-2	000NONPJ	srgt matrix spike dup	1/19/2016	Organic	2-Fluorophenol	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2015/16-2	Lab	srgt method blank	1/19/2016	Organic	2-Fluorophenol	n/a	=	25.2	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625	-88	-88	3	74	
2015/16-2	Lab	srgt LCS	1/19/2016	Organic	2-Fluorophenol	n/a	=	22	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2015/16-2	Lab	srgt method blank	1/28/2016	Organic	2-Fluorophenol	n/a	=	26.6	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/28/2016	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625	-88	-88	3	74	
2015/16-2	Lab	srgt LCS	1/28/2016	Organic	2-Fluorophenol	n/a	=	22.2	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/28/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2015/16-2	Lab	srgt LCS dup	1/28/2016	Organic	2-Fluorophenol	n/a	=	24.5	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/28/2016	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	3	74	
2015/16-2	Lab	srgt method blank	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.54	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2015/16-2	Lab	srgt LCS	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.85	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	48	%	EPA 8270C	-88	-88	11	62	
2015/16-2	Lab	srgt LCS dup	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.38	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2015/16-2	ME-CC	srgt environ	1/28/2016	Organic	2-Fluorophenol	n/a	=	22.8	µg/L	EPA 625	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/28/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2015/16-2	ME-CC	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.84	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	48	%	EPA 8270C	-88	-88	11	62	
2015/16-2	ME-VR2	srgt environ	1/19/2016	Organic	2-Fluorophenol	n/a	=	23.5	µg/L	EPA 625	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	3	74	
2015/16-2	ME-VR2	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.34	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2015/16-2	MO-CAM	srgt environ	1/19/2016	Organic	2-Fluorophenol	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	3	74	
2015/16-2	MO-CAM	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.39	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2015/16-2	MO-FIL	srgt environ	1/19/2016	Organic	2-Fluorophenol	n/a	=	23.1	µg/L	EPA 625	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2015/16-2	MO-FIL	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.46	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2015/16-2	MO-MEI	srgt environ	1/19/2016	Organic	2-Fluorophenol	n/a	=	25.8	µg/L	EPA 625	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625	-88	-88	3	74	
2015/16-2	MO-MEI	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.4	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-MEI	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2015/16-2	MO-OJA	srgt environ	1/19/2016	Organic	2-Fluorophenol	n/a	=	35.3	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	71	%	EPA 625	-88	-88	3	74	
2015/16-2	MO-OJA	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.97	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2015/16-2	MO-OXN	srgt environ	1/19/2016	Organic	2-Fluorophenol	n/a	=	23.8	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	3	74	
2015/16-2	MO-OXN	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	5.28	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	53	%	EPA 8270C	-88	-88	11	62	
2015/16-2	MO-SIM	srgt environ	1/28/2016	Organic	2-Fluorophenol	n/a	=	23.4	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/28/2016	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	3	74	
2015/16-2	MO-SIM	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.93	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2015/16-2	MO-SPA	srgt environ	1/19/2016	Organic	2-Fluorophenol	n/a	=	27.2	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	3	74	
2015/16-2	MO-SPA	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	5.51	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270C	-88	-88	11	62	
2015/16-2	MO-THO	srgt environ	1/28/2016	Organic	2-Fluorophenol	n/a	=	27.3	µg/L	EPA 625	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/28/2016	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	3	74	
2015/16-2	MO-THO	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.31	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2015/16-2	MO-VEN	srgt environ	1/19/2016	Organic	2-Fluorophenol	n/a	=	20.5	µg/L	EPA 625	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/19/2016	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2015/16-2	MO-VEN	srgt environ	2/19/2016	Organic	2-Fluorophenol	n/a	=	4.5	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	2/19/2016	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2015/16-2	Lab	method blank	2/18/2016	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	method blank	2/19/2016	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	2-Nitrophenol	n/a	=	14.6	µg/L	EPA 625	0.26	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	2-Nitrophenol	n/a	=	58	%	EPA 625	-88	-88	29	182	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	2-Nitrophenol	n/a	=	15.9	µg/L	EPA 625	0.26	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	2-Nitrophenol	n/a	=	64	%	EPA 625	-88	-88	29	182	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	2-Nitrophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	2-Nitrophenol	n/a	=	19.2	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	2-Nitrophenol	n/a	=	77	%	EPA 625	-88	-88	29	182	
2015/16-2	Lab	method blank	1/28/2016	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	2-Nitrophenol	n/a	=	21.6	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	2-Nitrophenol	n/a	=	86	%	EPA 625	-88	-88	29	182	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	2-Nitrophenol	n/a	=	22.9	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	2-Nitrophenol	n/a	=	92	%	EPA 625	-88	-88	29	182	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	2-Nitrophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/19/2016	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2015/16-2	Lab	LCS	2/19/2016	Organic	2-Nitrophenol	n/a	=	6.89	µg/L	EPA 8270C	0.71	1			
2015/16-2	Lab	LCS, rec	2/19/2016	Organic	2-Nitrophenol	n/a	=	69	%	EPA 8270C	-88	-88	33	103	
2015/16-2	Lab	LCS dup	2/19/2016	Organic	2-Nitrophenol	n/a	=	6.42	µg/L	EPA 8270C	0.71	1			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Organic	2-Nitrophenol	n/a	=	64	%	EPA 8270C	-88	-88	33	103	
2015/16-2	Lab	LCS, RPD	2/19/2016	Organic	2-Nitrophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	0.43	µg/L	EPA 625	0	5			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	2	%	EPA 625	-88	-88	0.1	262	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	0.42	µg/L	EPA 625	0	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	2	%	EPA 625	-88	-88	0.1	262	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-2	Lab	LCS	1/19/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	16.6	µg/L	EPA 625	1.2	5			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	66	%	EPA 625	-88	-88	0.1	262	
2015/16-2	Lab	method blank	1/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-2	Lab	LCS	1/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	12.4	µg/L	EPA 625	1.2	5			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	50	%	EPA 625	-88	-88	0.1	262	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	12.6	µg/L	EPA 625	1.2	5			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	51	%	EPA 625	-88	-88	0.1	262	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	15.7	µg/L	EPA 625	1.7	5			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	63	%	EPA 625	-88	-88	0.1	181	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.6	µg/L	EPA 625	1.7	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	70	%	EPA 625	-88	-88	0.1	181	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-2	Lab	LCS	1/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.8	µg/L	EPA 625	1.7	5			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	75	%	EPA 625	-88	-88	0.1	181	
2015/16-2	Lab	method blank	1/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-2	Lab	LCS	1/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.7	µg/L	EPA 625	1.7	5			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 625	-88	-88	0.1	181	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	24.1	µg/L	EPA 625	1.7	5			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	97	%	EPA 625	-88	-88	0.1	181	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2015/16-2	Lab	LCS	2/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6.64	µg/L	EPA 8270C	0.14	1			
2015/16-2	Lab	LCS, rec	2/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	66	%	EPA 8270C	-88	-88	33	118	
2015/16-2	Lab	LCS dup	2/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	5.29	µg/L	EPA 8270C	0.14	1			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	53	%	EPA 8270C	-88	-88	33	118	
2015/16-2	Lab	LCS, RPD	2/19/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	srgt matrix spike	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-2	000NONPJ	srgt matrix spike dup	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-2	Lab	srgt LCS	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015B	-88	-88	72	124	
2015/16-2	Lab	srgt LCS dup	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015B	-88	-88	72	124	
2015/16-2	Lab	srgt LCS	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-2	Lab	srgt method blank	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	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	
2015/16-2	Lab	srgt LCS dup	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-2	Lab	srgt method blank	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-2	Lab	srgt LCS	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015B	-88	-88	72	124	
2015/16-2	Lab	srgt LCS dup	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015B	-88	-88	72	124	
2015/16-2	Lab	srgt LCS	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-2	Lab	srgt method blank	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 8015B	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8015B	-88	-88	72	124	
2015/16-2	Lab	srgt LCS dup	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2015/16-2	Lab	srgt method blank	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-2	ME-CC	srgt environ	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-2	ME-CC	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 624	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-2	ME-SCR	srgt environ	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	53	µg/L	EPA 8015B	-88	-88			
2015/16-2	ME-SCR	srgt environ, rec	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 8015B	-88	-88	72	124	
2015/16-2	ME-SCR	srgt environ	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	EPA 624	-88	-88			
2015/16-2	ME-SCR	srgt environ, rec	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2015/16-2	ME-VR2	srgt environ	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015B	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015B	-88	-88	72	124	
2015/16-2	ME-VR2	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 624	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-CAM	srgt environ	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-CAM	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 624	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-FIL	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-FIL	srgt environ	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-HUE	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-HUE	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-HUE	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 624	-88	-88			
2015/16-2	MO-HUE	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-MEI	srgt environ	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-MEI	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 624	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-MPK	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-MPK	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-MPK	srgt environ	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	48.7	µg/L	EPA 624	-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	
2015/16-2	MO-MPK	srgt environ, rec	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-OJA	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	48.6	µg/L	EPA 624	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-OJA	srgt environ	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/11/2016	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-OXN	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-OXN	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	EPA 624	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-SIM	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-SIM	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-SPA	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-SPA	srgt environ	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-THO	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-THO	srgt environ	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-THO	srgt matrix spike	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-2	MO-THO	srgt matrix spike, rec	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-THO	srgt matrix spike dup	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	47.9	µg/L	EPA 624	-88	-88			
2015/16-2	MO-THO	srgt matrix spike dup, rec	1/12/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2015/16-2	MO-VEN	srgt environ	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015B	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/7/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015B	-88	-88	72	124	
2015/16-2	MO-VEN	srgt environ	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/8/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	12.4	µg/L	EPA 625	0.36	1			GB
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	50	%	EPA 625	-88	-88	53	127	GB
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	13.7	µg/L	EPA 625	0.36	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	55	%	EPA 625	-88	-88	53	127	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	16.6	µg/L	EPA 625	0.36	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	66	%	EPA 625	-88	-88	53	127	
2015/16-2	Lab	method blank	1/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	18.8	µg/L	EPA 625	0.36	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	75	%	EPA 625	-88	-88	53	127	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	20	µg/L	EPA 625	0.36	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	53	127	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	15.4	µg/L	EPA 625	0.23	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	62	%	EPA 625	-88	-88	22	147	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	16.4	µg/L	EPA 625	0.23	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	66	%	EPA 625	-88	-88	22	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	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	19	µg/L	EPA 625	0.23	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	76	%	EPA 625	-88	-88	22	147	
2015/16-2	Lab	method blank	1/28/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	20.5	µg/L	EPA 625	0.23	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 625	-88	-88	22	147	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	22	µg/L	EPA 625	0.23	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	88	%	EPA 625	-88	-88	22	147	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/19/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2015/16-2	Lab	LCS	2/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	6.84	µg/L	EPA 8270C	0.37	1			
2015/16-2	Lab	LCS, rec	2/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	68	%	EPA 8270C	-88	-88	29	108	
2015/16-2	Lab	LCS dup	2/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	6.18	µg/L	EPA 8270C	0.37	1			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	62	%	EPA 8270C	-88	-88	29	108	
2015/16-2	Lab	LCS, RPD	2/19/2016	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.9	µg/L	EPA 625	0.41	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	60	%	EPA 625	-88	-88	25	158	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.6	µg/L	EPA 625	0.41	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	66	%	EPA 625	-88	-88	25	158	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.4	µg/L	EPA 625	0.41	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	25	158	
2015/16-2	Lab	method blank	1/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	21.3	µg/L	EPA 625	0.41	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	85	%	EPA 625	-88	-88	25	158	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	23.1	µg/L	EPA 625	0.41	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	92	%	EPA 625	-88	-88	25	158	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	4-Nitrophenol	n/a	=	7.36	µg/L	EPA 625	0.45	5			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	4-Nitrophenol	n/a	=	29	%	EPA 625	-88	-88	0.1	132	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	4-Nitrophenol	n/a	=	7.57	µg/L	EPA 625	0.45	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	4-Nitrophenol	n/a	=	30	%	EPA 625	-88	-88	0.1	132	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	4-Nitrophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-2	Lab	LCS	1/19/2016	Organic	4-Nitrophenol	n/a	=	6.76	µg/L	EPA 625	0.45	5			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	4-Nitrophenol	n/a	=	27	%	EPA 625	-88	-88	0.1	132	
2015/16-2	Lab	method blank	1/28/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-2	Lab	LCS	1/28/2016	Organic	4-Nitrophenol	n/a	=	8.17	µg/L	EPA 625	0.45	5			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625	-88	-88	0.1	132	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	4-Nitrophenol	n/a	=	9.14	µg/L	EPA 625	0.45	5			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	4-Nitrophenol	n/a	=	37	%	EPA 625	-88	-88	0.1	132	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	4-Nitrophenol	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-2	Lab	LCS	2/19/2016	Organic	4-Nitrophenol	n/a	=	3.27	µg/L	EPA 8270C	1	2			
2015/16-2	Lab	LCS, rec	2/19/2016	Organic	4-Nitrophenol	n/a	=	33	%	EPA 8270C	-88	-88	6	46	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS dup	2/19/2016	Organic	4-Nitrophenol	n/a	=	2.63	µg/L	EPA 8270C	1	2			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Organic	4-Nitrophenol	n/a	=	26	%	EPA 8270C	-88	-88	6	46	
2015/16-2	Lab	LCS, RPD	2/19/2016	Organic	4-Nitrophenol	n/a	=	22	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Acenaphthene	n/a	=	15.4	µg/L	EPA 625	0.38	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Acenaphthene	n/a	=	62	%	EPA 625	-88	-88	47	145	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Acenaphthene	n/a	=	17.1	µg/L	EPA 625	0.38	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Acenaphthene	n/a	=	68	%	EPA 625	-88	-88	47	145	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Acenaphthene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Acenaphthene	n/a	=	21.2	µg/L	EPA 625	0.38	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Acenaphthene	n/a	=	85	%	EPA 625	-88	-88	47	145	
2015/16-2	Lab	method blank	1/28/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Acenaphthene	n/a	=	21.6	µg/L	EPA 625	0.38	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Acenaphthene	n/a	=	87	%	EPA 625	-88	-88	47	145	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Acenaphthene	n/a	=	23.3	µg/L	EPA 625	0.38	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Acenaphthene	n/a	=	93	%	EPA 625	-88	-88	47	145	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Acenaphthene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Acenaphthene	n/a	=	8.48	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Acenaphthene	n/a	=	85	%	EPA 8270C	-88	-88	11	122	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Acenaphthene	n/a	=	7.73	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Acenaphthene	n/a	=	77	%	EPA 8270C	-88	-88	11	122	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Acenaphthene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Acenaphthylene	n/a	=	14.8	µg/L	EPA 625	0.4	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Acenaphthylene	n/a	=	59	%	EPA 625	-88	-88	33	145	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Acenaphthylene	n/a	=	16.3	µg/L	EPA 625	0.4	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Acenaphthylene	n/a	=	65	%	EPA 625	-88	-88	33	145	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Acenaphthylene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Acenaphthylene	n/a	=	19.9	µg/L	EPA 625	0.4	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Acenaphthylene	n/a	=	80	%	EPA 625	-88	-88	33	145	
2015/16-2	Lab	method blank	1/28/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Acenaphthylene	n/a	=	21.2	µg/L	EPA 625	0.4	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Acenaphthylene	n/a	=	85	%	EPA 625	-88	-88	33	145	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Acenaphthylene	n/a	=	22.4	µg/L	EPA 625	0.4	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Acenaphthylene	n/a	=	90	%	EPA 625	-88	-88	33	145	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Acenaphthylene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Acenaphthylene	n/a	=	6.77	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Acenaphthylene	n/a	=	68	%	EPA 8270C	-88	-88	4	135	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Acenaphthylene	n/a	=	6.24	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Acenaphthylene	n/a	=	62	%	EPA 8270C	-88	-88	4	135	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Acenaphthylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Anthracene	n/a	=	15.2	µg/L	EPA 625	0.34	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Anthracene	n/a	=	61	%	EPA 625	-88	-88	27	133	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Anthracene	n/a	=	17.6	µg/L	EPA 625	0.34	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Anthracene	n/a	=	71	%	EPA 625	-88	-88	27	133	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Anthracene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Anthracene	n/a	=	21.6	µg/L	EPA 625	0.34	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Anthracene	n/a	=	86	%	EPA 625	-88	-88	27	133	
2015/16-2	Lab	method blank	1/28/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Anthracene	n/a	=	20.7	µg/L	EPA 625	0.34	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Anthracene	n/a	=	83	%	EPA 625	-88	-88	27	133	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Anthracene	n/a	=	22.4	µg/L	EPA 625	0.34	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Anthracene	n/a	=	90	%	EPA 625	-88	-88	27	133	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Anthracene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Anthracene	n/a	=	7.86	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Anthracene	n/a	=	79	%	EPA 8270C	-88	-88	22	127	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Anthracene	n/a	=	7.21	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Anthracene	n/a	=	72	%	EPA 8270C	-88	-88	22	127	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Anthracene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Benz(a)anthracene	n/a	=	17.7	µg/L	EPA 625	0.19	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Benz(a)anthracene	n/a	=	71	%	EPA 625	-88	-88	33	143	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Benz(a)anthracene	n/a	=	19.6	µg/L	EPA 625	0.19	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Benz(a)anthracene	n/a	=	79	%	EPA 625	-88	-88	33	143	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Benz(a)anthracene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Benz(a)anthracene	n/a	=	25.9	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Benz(a)anthracene	n/a	=	104	%	EPA 625	-88	-88	33	143	
2015/16-2	Lab	method blank	1/28/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Benz(a)anthracene	n/a	=	19.9	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Benz(a)anthracene	n/a	=	80	%	EPA 625	-88	-88	33	143	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Benz(a)anthracene	n/a	=	22	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 625	-88	-88	33	143	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Benz(a)anthracene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Benz(a)anthracene	n/a	=	7.76	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Benz(a)anthracene	n/a	=	78	%	EPA 8270C	-88	-88	17	131	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Benz(a)anthracene	n/a	=	7.57	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Benz(a)anthracene	n/a	=	76	%	EPA 8270C	-88	-88	17	131	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Benztidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2015/16-2	Lab	method blank	1/28/2016	Organic	Benztidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Benzo(a)pyrene	n/a	=	13.2	µg/L	EPA 625	0.13	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Benzo(a)pyrene	n/a	=	53	%	EPA 625	-88	-88	17	163	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Benzo(a)pyrene	n/a	=	15	µg/L	EPA 625	0.13	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Benzo(a)pyrene	n/a	=	60	%	EPA 625	-88	-88	17	163	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Benzo(a)pyrene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	1.87	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	37	%	EPA 525.2	-88	-88	12	148	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	1.93	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	39	%	EPA 525.2	-88	-88	12	148	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Benzo(a)pyrene	n/a	=	22.1	µg/L	EPA 625	0.13	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Benzo(a)pyrene	n/a	=	89	%	EPA 625	-88	-88	17	163	
2015/16-2	Lab	method blank	1/28/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Benzo(a)pyrene	n/a	=	18.6	µg/L	EPA 625	0.13	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Benzo(a)pyrene	n/a	=	75	%	EPA 625	-88	-88	17	163	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Benzo(a)pyrene	n/a	=	20.4	µg/L	EPA 625	0.13	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Benzo(a)pyrene	n/a	=	81	%	EPA 625	-88	-88	17	163	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Benzo(a)pyrene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	Lab	LCS	2/3/2016	Organic	Benzo(a)pyrene	n/a	=	3.36	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Organic	Benzo(a)pyrene	n/a	=	67	%	EPA 525.2	-88	-88	40	147	
2015/16-2	Lab	LCS dup	2/3/2016	Organic	Benzo(a)pyrene	n/a	=	3.69	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Organic	Benzo(a)pyrene	n/a	=	74	%	EPA 525.2	-88	-88	40	147	
2015/16-2	Lab	LCS, RPD	2/3/2016	Organic	Benzo(a)pyrene	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	Lab	LCS	2/4/2016	Organic	Benzo(a)pyrene	n/a	=	3.67	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Organic	Benzo(a)pyrene	n/a	=	73	%	EPA 525.2	-88	-88	40	147	
2015/16-2	Lab	LCS dup	2/4/2016	Organic	Benzo(a)pyrene	n/a	=	4.06	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Organic	Benzo(a)pyrene	n/a	=	81	%	EPA 525.2	-88	-88	40	147	
2015/16-2	Lab	LCS, RPD	2/4/2016	Organic	Benzo(a)pyrene	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Benzo(a)pyrene	n/a	=	7.04	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Benzo(a)pyrene	n/a	=	70	%	EPA 8270C	-88	-88	12	131	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Benzo(a)pyrene	n/a	=	6.48	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Benzo(a)pyrene	n/a	=	65	%	EPA 8270C	-88	-88	12	131	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Benzo(a)pyrene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	Lab	LCS	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	3.75	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	75	%	EPA 525.2	-88	-88	40	147	
2015/16-2	Lab	method blank	3/2/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-2	Lab	LCS	3/2/2016	Organic	Benzo(a)pyrene	n/a	=	1.74	µg/L	EPA 525.2	0.07	0.1			EUM
2015/16-2	Lab	LCS, rec	3/2/2016	Organic	Benzo(a)pyrene	n/a	=	35	%	EPA 525.2	-88	-88	40	147	EUM
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Benzo(b)fluoranthene	n/a	=	14.5	µg/L	EPA 625	0.14	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Benzo(b)fluoranthene	n/a	=	58	%	EPA 625	-88	-88	24	159	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Benzo(b)fluoranthene	n/a	=	17	µg/L	EPA 625	0.14	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Benzo(b)fluoranthene	n/a	=	68	%	EPA 625	-88	-88	24	159	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Benzo(b)fluoranthene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Benzo(b)fluoranthene	n/a	=	23.5	µg/L	EPA 625	0.14	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Benzo(b)fluoranthene	n/a	=	94	%	EPA 625	-88	-88	24	159	
2015/16-2	Lab	method blank	1/28/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Benzo(b)fluoranthene	n/a	=	21.1	µg/L	EPA 625	0.14	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 625	-88	-88	24	159	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Benzo(b)fluoranthene	n/a	=	23.4	µg/L	EPA 625	0.14	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Benzo(b)fluoranthene	n/a	=	94	%	EPA 625	-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	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Benzo(b)fluoranthene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Benzo(b)fluoranthene	n/a	=	7.52	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Benzo(b)fluoranthene	n/a	=	75	%	EPA 8270C	-88	-88	19	129	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Benzo(b)fluoranthene	n/a	=	6.85	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Benzo(b)fluoranthene	n/a	=	69	%	EPA 8270C	-88	-88	19	129	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Benzo(b)fluoranthene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Benzo(g,h,i)perylene	n/a	=	10.2	µg/L	EPA 625	0.1	2			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Benzo(g,h,i)perylene	n/a	=	41	%	EPA 625	-88	-88	0.1	219	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Benzo(g,h,i)perylene	n/a	=	12.5	µg/L	EPA 625	0.1	2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Benzo(g,h,i)perylene	n/a	=	50	%	EPA 625	-88	-88	0.1	219	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Benzo(g,h,i)perylene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-2	Lab	LCS	1/19/2016	Organic	Benzo(g,h,i)perylene	n/a	=	18.5	µg/L	EPA 625	0.1	2			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Benzo(g,h,i)perylene	n/a	=	74	%	EPA 625	-88	-88	0.1	219	
2015/16-2	Lab	method blank	1/28/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-2	Lab	LCS	1/28/2016	Organic	Benzo(g,h,i)perylene	n/a	=	13.9	µg/L	EPA 625	0.1	2			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Benzo(g,h,i)perylene	n/a	=	56	%	EPA 625	-88	-88	0.1	219	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Benzo(g,h,i)perylene	n/a	=	16	µg/L	EPA 625	0.1	2			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Benzo(g,h,i)perylene	n/a	=	64	%	EPA 625	-88	-88	0.1	219	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Benzo(g,h,i)perylene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Benzo(g,h,i)perylene	n/a	=	7.57	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Benzo(g,h,i)perylene	n/a	=	76	%	EPA 8270C	-88	-88	14	139	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Benzo(g,h,i)perylene	n/a	=	6.9	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Benzo(g,h,i)perylene	n/a	=	69	%	EPA 8270C	-88	-88	14	139	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Benzo(g,h,i)perylene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Benzo(k)fluoranthene	n/a	=	15	µg/L	EPA 625	0.22	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Benzo(k)fluoranthene	n/a	=	60	%	EPA 625	-88	-88	11	162	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Benzo(k)fluoranthene	n/a	=	16.2	µg/L	EPA 625	0.22	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Benzo(k)fluoranthene	n/a	=	65	%	EPA 625	-88	-88	11	162	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Benzo(k)fluoranthene	n/a	=	24.4	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Benzo(k)fluoranthene	n/a	=	98	%	EPA 625	-88	-88	11	162	
2015/16-2	Lab	method blank	1/28/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Benzo(k)fluoranthene	n/a	=	19.4	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Benzo(k)fluoranthene	n/a	=	77	%	EPA 625	-88	-88	11	162	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Benzo(k)fluoranthene	n/a	=	21.1	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 625	-88	-88	11	162	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Benzo(k)fluoranthene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Benzo(k)fluoranthene	n/a	=	7.73	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Benzo(k)fluoranthene	n/a	=	77	%	EPA 8270C	-88	-88	22	127	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Benzo(k)fluoranthene	n/a	=	7.09	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Benzo(k)fluoranthene	n/a	=	71	%	EPA 8270C	-88	-88	22	127	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Benzo(k)fluoranthene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.4	µg/L	EPA 625	0.25	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	62	%	EPA 625	-88	-88	33	184	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.9	µg/L	EPA 625	0.25	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	68	%	EPA 625	-88	-88	33	184	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.4	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625	-88	-88	33	184	
2015/16-2	Lab	method blank	1/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	20.5	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	82	%	EPA 625	-88	-88	33	184	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	22.6	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	90	%	EPA 625	-88	-88	33	184	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	15.7	µg/L	EPA 625	0.27	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	63	%	EPA 625	-88	-88	12	158	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	17	µg/L	EPA 625	0.27	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625	-88	-88	12	158	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	19.6	µg/L	EPA 625	0.27	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	79	%	EPA 625	-88	-88	12	158	
2015/16-2	Lab	method blank	1/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	18.8	µg/L	EPA 625	0.27	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	75	%	EPA 625	-88	-88	12	158	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	21.3	µg/L	EPA 625	0.27	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	85	%	EPA 625	-88	-88	12	158	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.3	µg/L	EPA 625	0.38	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	57	%	EPA 625	-88	-88	36	166	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.2	µg/L	EPA 625	0.38	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	65	%	EPA 625	-88	-88	36	166	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.6	µg/L	EPA 625	0.38	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	78	%	EPA 625	-88	-88	36	166	
2015/16-2	Lab	method blank	1/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.6	µg/L	EPA 625	0.38	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	82	%	EPA 625	-88	-88	36	166	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	23.2	µg/L	EPA 625	0.38	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	93	%	EPA 625	-88	-88	36	166	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.65	µg/L	EPA 525.2	0.1	5			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	113	%	EPA 525.2	-88	-88	84	158	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.44	µg/L	EPA 525.2	0.1	5			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	109	%	EPA 525.2	-88	-88	84	158	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	method blank	2/3/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-2	Lab	LCS	2/3/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.13	µg/L	EPA 525.2	0.1	5			
2015/16-2	Lab	LCS, rec	2/3/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	123	%	EPA 525.2	-88	-88	71	158	
2015/16-2	Lab	LCS dup	2/3/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.57	µg/L	EPA 525.2	0.1	5			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	111	%	EPA 525.2	-88	-88	71	158	
2015/16-2	Lab	LCS, RPD	2/3/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-2	Lab	LCS	2/4/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.2	µg/L	EPA 525.2	0.1	5			
2015/16-2	Lab	LCS, rec	2/4/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	104	%	EPA 525.2	-88	-88	71	158	
2015/16-2	Lab	LCS dup	2/4/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.07	µg/L	EPA 525.2	0.1	5			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	101	%	EPA 525.2	-88	-88	71	158	
2015/16-2	Lab	LCS, RPD	2/4/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-2	Lab	LCS	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.38	µg/L	EPA 525.2	0.1	5			
2015/16-2	Lab	LCS, rec	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	88	%	EPA 525.2	-88	-88	71	158	
2015/16-2	Lab	method blank	3/2/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-2	Lab	LCS	3/2/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.1	µg/L	EPA 525.2	0.1	5			
2015/16-2	Lab	LCS, rec	3/2/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	82	%	EPA 525.2	-88	-88	71	158	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	17.1	µg/L	EPA 625	2.3	5			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	68	%	EPA 625	-88	-88	8	158	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.2	µg/L	EPA 625	2.3	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	81	%	EPA 625	-88	-88	8	158	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.84	µg/L	EPA 525.2	1.1	3			GB
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	66	%	EPA 525.2	-88	-88	74	152	GB
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.86	µg/L	EPA 525.2	1.1	3			GB
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	67	%	EPA 525.2	-88	-88	74	152	GB
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	GB
2015/16-2	Lab	method blank	1/19/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-2	Lab	LCS	1/19/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	25	µg/L	EPA 625	2.3	5			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	100	%	EPA 625	-88	-88	8	158	
2015/16-2	Lab	method blank	1/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-2	Lab	LCS	1/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.6	µg/L	EPA 625	2.3	5			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	82	%	EPA 625	-88	-88	8	158	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.6	µg/L	EPA 625	2.3	5			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	90	%	EPA 625	-88	-88	8	158	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS	2/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.77	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS, rec	2/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	135	%	EPA 525.2	-88	-88	68	154	
2015/16-2	Lab	LCS dup	2/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.57	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 525.2	-88	-88	68	154	
2015/16-2	Lab	LCS, RPD	2/3/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS	2/4/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.28	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS, rec	2/4/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	68	154	
2015/16-2	Lab	LCS dup	2/4/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.28	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	
2015/16-2	Lab	LCS dup, rec	2/4/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	68	154	
2015/16-2	Lab	LCS, RPD	2/4/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/6/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS	2/6/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.4	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS, rec	2/6/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	128	%	EPA 525.2	-88	-88	68	154	
2015/16-2	Lab	LCS dup	2/6/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.62	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS dup, rec	2/6/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	132	%	EPA 525.2	-88	-88	68	154	
2015/16-2	Lab	LCS, RPD	2/6/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.05	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS, rec	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	121	%	EPA 525.2	-88	-88	68	154	
2015/16-2	Lab	method blank	3/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS	3/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.26	µg/L	EPA 525.2	1.1	3			
2015/16-2	Lab	LCS, rec	3/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	85	%	EPA 525.2	-88	-88	68	154	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Butyl benzyl phthalate	n/a	=	17	µg/L	EPA 625	0.18	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Butyl benzyl phthalate	n/a	=	67	%	EPA 625	-88	-88	0.1	152	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Butyl benzyl phthalate	n/a	=	19.9	µg/L	EPA 625	0.18	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Butyl benzyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Butyl benzyl phthalate	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Butyl benzyl phthalate	n/a	=	24.2	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Butyl benzyl phthalate	n/a	=	97	%	EPA 625	-88	-88	0.1	152	
2015/16-2	Lab	method blank	1/28/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Butyl benzyl phthalate	n/a	=	20	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Butyl benzyl phthalate	n/a	=	80	%	EPA 625	-88	-88	0.1	152	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Butyl benzyl phthalate	n/a	=	22.3	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Butyl benzyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	152	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Butyl benzyl phthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Chrysene	n/a	=	15.8	µg/L	EPA 625	0.19	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Chrysene	n/a	=	63	%	EPA 625	-88	-88	17	168	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Chrysene	n/a	=	18.4	µg/L	EPA 625	0.19	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Chrysene	n/a	=	74	%	EPA 625	-88	-88	17	168	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Chrysene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Chrysene	n/a	=	22.7	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Chrysene	n/a	=	91	%	EPA 625	-88	-88	17	168	
2015/16-2	Lab	method blank	1/28/2016	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Chrysene	n/a	=	20	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Chrysene	n/a	=	80	%	EPA 625	-88	-88	17	168	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Chrysene	n/a	=	21.7	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Chrysene	n/a	=	87	%	EPA 625	-88	-88	17	168	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Chrysene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Chrysene	n/a	=	7.74	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Chrysene	n/a	=	77	%	EPA 8270C	-88	-88	32	126	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Chrysene	n/a	=	6.99	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Chrysene	n/a	=	70	%	EPA 8270C	-88	-88	32	126	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Chrysene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Dibenz(a,h)anthracene	n/a	=	11	µg/L	EPA 625	0.08	2			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Dibenz(a,h)anthracene	n/a	=	44	%	EPA 625	-88	-88	0.1	227	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Dibenz(a,h)anthracene	n/a	=	13.3	µg/L	EPA 625	0.08	2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Dibenz(a,h)anthracene	n/a	=	53	%	EPA 625	-88	-88	0.1	227	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Dibenz(a,h)anthracene	n/a	=	19	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-2	Lab	LCS	1/19/2016	Organic	Dibenz(a,h)anthracene	n/a	=	18.9	µg/L	EPA 625	0.08	2			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Dibenz(a,h)anthracene	n/a	=	76	%	EPA 625	-88	-88	0.1	227	
2015/16-2	Lab	method blank	1/28/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-2	Lab	LCS	1/28/2016	Organic	Dibenz(a,h)anthracene	n/a	=	15.8	µg/L	EPA 625	0.08	2			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Dibenz(a,h)anthracene	n/a	=	63	%	EPA 625	-88	-88	0.1	227	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Dibenz(a,h)anthracene	n/a	=	17.9	µg/L	EPA 625	0.08	2			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Dibenz(a,h)anthracene	n/a	=	71	%	EPA 625	-88	-88	0.1	227	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Dibenz(a,h)anthracene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Dibenz(a,h)anthracene	n/a	=	7.21	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Dibenz(a,h)anthracene	n/a	=	72	%	EPA 8270C	-88	-88	9	147	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Dibenz(a,h)anthracene	n/a	=	6.58	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Dibenz(a,h)anthracene	n/a	=	66	%	EPA 8270C	-88	-88	9	147	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Dibenz(a,h)anthracene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Diethyl phthalate	n/a	=	15.5	µg/L	EPA 625	0.15	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Diethyl phthalate	n/a	=	62	%	EPA 625	-88	-88	0.1	114	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Diethyl phthalate	n/a	=	17.4	µg/L	EPA 625	0.15	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Diethyl phthalate	n/a	=	70	%	EPA 625	-88	-88	0.1	114	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Diethyl phthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Diethyl phthalate	n/a	=	20.8	µg/L	EPA 625	0.15	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	114	
2015/16-2	Lab	method blank	1/28/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Diethyl phthalate	n/a	=	22.2	µg/L	EPA 625	0.15	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Diethyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	114	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Diethyl phthalate	n/a	=	23.9	µg/L	EPA 625	0.15	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Diethyl phthalate	n/a	=	96	%	EPA 625	-88	-88	0.1	114	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Diethyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Dimethyl phthalate	n/a	=	16.2	µg/L	EPA 625	0.18	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Dimethyl phthalate	n/a	=	65	%	EPA 625	-88	-88	0.1	112	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Dimethyl phthalate	n/a	=	17.7	µg/L	EPA 625	0.18	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Dimethyl phthalate	n/a	=	71	%	EPA 625	-88	-88	0.1	112	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Dimethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Dimethyl phthalate	n/a	=	20.9	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Dimethyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	112	
2015/16-2	Lab	method blank	1/28/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Dimethyl phthalate	n/a	=	22.3	µg/L	EPA 625	0.18	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Dimethyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	112	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Dimethyl phthalate	n/a	=	23.7	µg/L	EPA 625	0.18	1			

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Dimethyl phthalate	n/a	=	95	%	EPA 625	-88	-88	0.1	112	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Dimethyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Di-n-butylphthalate	n/a	=	17	µg/L	EPA 625	0.24	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Di-n-butylphthalate	n/a	=	68	%	EPA 625	-88	-88	1	118	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Di-n-butylphthalate	n/a	=	19.7	µg/L	EPA 625	0.24	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625	-88	-88	1	118	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Di-n-butylphthalate	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Di-n-butylphthalate	n/a	=	23.2	µg/L	EPA 625	0.24	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Di-n-butylphthalate	n/a	=	93	%	EPA 625	-88	-88	1	118	
2015/16-2	Lab	method blank	1/28/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Di-n-butylphthalate	n/a	=	22	µg/L	EPA 625	0.24	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Di-n-butylphthalate	n/a	=	88	%	EPA 625	-88	-88	1	118	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Di-n-butylphthalate	n/a	=	23.7	µg/L	EPA 625	0.24	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Di-n-butylphthalate	n/a	=	95	%	EPA 625	-88	-88	1	118	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Di-n-octylphthalate	n/a	=	16.6	µg/L	EPA 625	0.19	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Di-n-octylphthalate	n/a	=	67	%	EPA 625	-88	-88	4	146	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Di-n-octylphthalate	n/a	=	20.2	µg/L	EPA 625	0.19	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Di-n-octylphthalate	n/a	=	81	%	EPA 625	-88	-88	4	146	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Di-n-octylphthalate	n/a	=	19	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Di-n-octylphthalate	n/a	=	25.7	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Di-n-octylphthalate	n/a	=	103	%	EPA 625	-88	-88	4	146	
2015/16-2	Lab	method blank	1/28/2016	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Di-n-octylphthalate	n/a	=	22	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Di-n-octylphthalate	n/a	=	88	%	EPA 625	-88	-88	4	146	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Di-n-octylphthalate	n/a	=	24	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Di-n-octylphthalate	n/a	=	96	%	EPA 625	-88	-88	4	146	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Fluoranthene	n/a	=	16	µg/L	EPA 625	0.22	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Fluoranthene	n/a	=	64	%	EPA 625	-88	-88	26	137	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Fluoranthene	n/a	=	18.4	µg/L	EPA 625	0.22	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Fluoranthene	n/a	=	74	%	EPA 625	-88	-88	26	137	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Fluoranthene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Fluoranthene	n/a	=	21.8	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Fluoranthene	n/a	=	87	%	EPA 625	-88	-88	26	137	
2015/16-2	Lab	method blank	1/28/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Fluoranthene	n/a	=	20.2	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Fluoranthene	n/a	=	81	%	EPA 625	-88	-88	26	137	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Fluoranthene	n/a	=	22.2	µg/L	EPA 625	0.22	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Fluoranthene	n/a	=	89	%	EPA 625	-88	-88	26	137	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Fluoranthene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Fluoranthene	n/a	=	7.73	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Fluoranthene	n/a	=	77	%	EPA 8270C	-88	-88	22	131	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Fluoranthene	n/a	=	7.23	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Fluoranthene	n/a	=	72	%	EPA 8270C	-88	-88	22	131	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Fluoranthene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Fluorene	n/a	=	15.3	µg/L	EPA 625	0.35	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Fluorene	n/a	=	61	%	EPA 625	-88	-88	59	121	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Fluorene	n/a	=	16.9	µg/L	EPA 625	0.35	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Fluorene	n/a	=	68	%	EPA 625	-88	-88	59	121	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Fluorene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Fluorene	n/a	=	20.4	µg/L	EPA 625	0.35	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Fluorene	n/a	=	81	%	EPA 625	-88	-88	59	121	
2015/16-2	Lab	method blank	1/28/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Fluorene	n/a	=	22	µg/L	EPA 625	0.35	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Fluorene	n/a	=	88	%	EPA 625	-88	-88	59	121	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Fluorene	n/a	=	23.6	µg/L	EPA 625	0.35	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Fluorene	n/a	=	94	%	EPA 625	-88	-88	59	121	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Fluorene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Fluorene	n/a	=	8.08	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Fluorene	n/a	=	81	%	EPA 8270C	-88	-88	19	122	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Fluorene	n/a	=	7.52	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Fluorene	n/a	=	75	%	EPA 8270C	-88	-88	19	122	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Fluorene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Hexachlorobenzene	n/a	=	12.3	µg/L	EPA 625	0.49	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Hexachlorobenzene	n/a	=	49	%	EPA 625	-88	-88	0.1	152	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Hexachlorobenzene	n/a	=	14	µg/L	EPA 625	0.49	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Hexachlorobenzene	n/a	=	56	%	EPA 625	-88	-88	0.1	152	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Hexachlorobenzene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Hexachlorobenzene	n/a	=	16.9	µg/L	EPA 625	0.49	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Hexachlorobenzene	n/a	=	68	%	EPA 625	-88	-88	0.1	152	
2015/16-2	Lab	method blank	1/28/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Hexachlorobenzene	n/a	=	18.2	µg/L	EPA 625	0.49	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Hexachlorobenzene	n/a	=	73	%	EPA 625	-88	-88	0.1	152	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Hexachlorobenzene	n/a	=	19.2	µg/L	EPA 625	0.49	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Hexachlorobenzene	n/a	=	77	%	EPA 625	-88	-88	0.1	152	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Hexachlorobutadiene	n/a	=	14.3	µg/L	EPA 625	0.47	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Hexachlorobutadiene	n/a	=	57	%	EPA 625	-88	-88	24	116	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Hexachlorobutadiene	n/a	=	15.6	µg/L	EPA 625	0.47	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Hexachlorobutadiene	n/a	=	62	%	EPA 625	-88	-88	24	116	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Hexachlorobutadiene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Hexachlorobutadiene	n/a	=	20.3	µg/L	EPA 625	0.47	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Hexachlorobutadiene	n/a	=	81	%	EPA 625	-88	-88	24	116	
2015/16-2	Lab	method blank	1/28/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Hexachlorobutadiene	n/a	=	17.6	µg/L	EPA 625	0.47	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Hexachlorobutadiene	n/a	=	70	%	EPA 625	-88	-88	24	116	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Hexachlorobutadiene	n/a	=	19.3	µg/L	EPA 625	0.47	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Hexachlorobutadiene	n/a	=	77	%	EPA 625	-88	-88	24	116	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Hexachlorobutadiene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Hexachlorocyclopentadiene	n/a	=	10.1	µg/L	EPA 625	1.5	5			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Hexachlorocyclopentadiene	n/a	=	41	%	EPA 625	-88	-88	10	80	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Hexachlorocyclopentadiene	n/a	=	11.2	µg/L	EPA 625	1.5	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Hexachlorocyclopentadiene	n/a	=	45	%	EPA 625	-88	-88	10	80	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Hexachlorocyclopentadiene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-2	Lab	LCS	1/19/2016	Organic	Hexachlorocyclopentadiene	n/a	=	11.7	µg/L	EPA 625	1.5	5			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Hexachlorocyclopentadiene	n/a	=	47	%	EPA 625	-88	-88	0.1	81	
2015/16-2	Lab	method blank	1/28/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-2	Lab	LCS	1/28/2016	Organic	Hexachlorocyclopentadiene	n/a	=	10.9	µg/L	EPA 625	1.5	5			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Hexachlorocyclopentadiene	n/a	=	44	%	EPA 625	-88	-88	0.1	81	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Hexachlorocyclopentadiene	n/a	=	12.9	µg/L	EPA 625	1.5	5			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Hexachlorocyclopentadiene	n/a	=	52	%	EPA 625	-88	-88	0.1	81	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Hexachlorocyclopentadiene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Hexachloroethane	n/a	=	14.1	µg/L	EPA 625	0.52	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Hexachloroethane	n/a	=	56	%	EPA 625	-88	-88	40	113	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Hexachloroethane	n/a	=	14.5	µg/L	EPA 625	0.52	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Hexachloroethane	n/a	=	58	%	EPA 625	-88	-88	40	113	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Hexachloroethane	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Hexachloroethane	n/a	=	18.7	µg/L	EPA 625	0.52	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Hexachloroethane	n/a	=	75	%	EPA 625	-88	-88	40	113	
2015/16-2	Lab	method blank	1/28/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Hexachloroethane	n/a	=	17.8	µg/L	EPA 625	0.52	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Hexachloroethane	n/a	=	71	%	EPA 625	-88	-88	40	113	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Hexachloroethane	n/a	=	19.7	µg/L	EPA 625	0.52	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Hexachloroethane	n/a	=	79	%	EPA 625	-88	-88	40	113	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Hexachloroethane	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	10.3	µg/L	EPA 625	0.12	2			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	41	%	EPA 625	-88	-88	0.1	171	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	12.6	µg/L	EPA 625	0.12	2			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	50	%	EPA 625	-88	-88	0.1	171	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-2	Lab	LCS	1/19/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17.7	µg/L	EPA 625	0.12	2			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	71	%	EPA 625	-88	-88	0.1	171	
2015/16-2	Lab	method blank	1/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-2	Lab	LCS	1/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	14.1	µg/L	EPA 625	0.12	2			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	56	%	EPA 625	-88	-88	0.1	171	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16	µg/L	EPA 625	0.12	2			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	64	%	EPA 625	-88	-88	0.1	171	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	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	
2015/16-2	Lab	LCS	2/18/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.51	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	65	%	EPA 8270C	-88	-88	12	136	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.96	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	60	%	EPA 8270C	-88	-88	12	136	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Isophorone	n/a	=	14.9	µg/L	EPA 625	0.21	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Isophorone	n/a	=	59	%	EPA 625	-88	-88	21	196	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Isophorone	n/a	=	16.4	µg/L	EPA 625	0.21	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Isophorone	n/a	=	66	%	EPA 625	-88	-88	21	196	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Isophorone	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Isophorone	n/a	=	19.2	µg/L	EPA 625	0.21	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Isophorone	n/a	=	77	%	EPA 625	-88	-88	21	196	
2015/16-2	Lab	method blank	1/28/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Isophorone	n/a	=	20	µg/L	EPA 625	0.21	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Isophorone	n/a	=	80	%	EPA 625	-88	-88	21	196	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Isophorone	n/a	=	21.8	µg/L	EPA 625	0.21	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Isophorone	n/a	=	87	%	EPA 625	-88	-88	21	196	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Isophorone	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	LCS	1/7/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	43.6	µg/L	EPA 624	0.25	1			
2015/16-2	Lab	LCS, rec	1/7/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	87	%	EPA 624	-88	-88	80	128	
2015/16-2	Lab	LCS dup	1/7/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	47.3	µg/L	EPA 624	0.25	1			
2015/16-2	Lab	LCS dup, rec	1/7/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	95	%	EPA 624	-88	-88	80	128	
2015/16-2	Lab	LCS, RPD	1/7/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	8	%	EPA 624	-88	-88	0	25	
2015/16-2	Lab	method blank	1/7/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2015/16-2	Lab	LCS	1/11/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	41.2	µg/L	EPA 624	0.25	1			
2015/16-2	Lab	LCS, rec	1/11/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	82	%	EPA 624	-88	-88	80	128	
2015/16-2	Lab	LCS dup	1/11/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	43.3	µg/L	EPA 624	0.25	1			
2015/16-2	Lab	LCS dup, rec	1/11/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	87	%	EPA 624	-88	-88	80	128	
2015/16-2	Lab	LCS, RPD	1/11/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5	%	EPA 624	-88	-88	0	25	
2015/16-2	Lab	method blank	1/11/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Naphthalene	n/a	=	14.9	µg/L	EPA 625	0.49	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Naphthalene	n/a	=	60	%	EPA 625	-88	-88	21	133	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Naphthalene	n/a	=	16.3	µg/L	EPA 625	0.49	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Naphthalene	n/a	=	65	%	EPA 625	-88	-88	21	133	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Naphthalene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Naphthalene	n/a	=	19.7	µg/L	EPA 625	0.49	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Naphthalene	n/a	=	79	%	EPA 625	-88	-88	21	133	
2015/16-2	Lab	method blank	1/28/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Naphthalene	n/a	=	19.6	µg/L	EPA 625	0.49	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Naphthalene	n/a	=	79	%	EPA 625	-88	-88	21	133	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Naphthalene	n/a	=	20.9	µg/L	EPA 625	0.49	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Naphthalene	n/a	=	84	%	EPA 625	-88	-88	21	133	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Naphthalene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Naphthalene	n/a	=	7.06	µg/L	EPA 8270C	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	
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Naphthalene	n/a	=	71	%	EPA 8270C	-88	-88	12	136	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Naphthalene	n/a	=	6.55	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Naphthalene	n/a	=	65	%	EPA 8270C	-88	-88	12	136	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Naphthalene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Nitrobenzene	n/a	=	14.9	µg/L	EPA 625	0.36	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Nitrobenzene	n/a	=	59	%	EPA 625	-88	-88	35	180	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Nitrobenzene	n/a	=	16	µg/L	EPA 625	0.36	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Nitrobenzene	n/a	=	64	%	EPA 625	-88	-88	35	180	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Nitrobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Nitrobenzene	n/a	=	18.7	µg/L	EPA 625	0.36	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Nitrobenzene	n/a	=	75	%	EPA 625	-88	-88	35	180	
2015/16-2	Lab	method blank	1/28/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Nitrobenzene	n/a	=	21.1	µg/L	EPA 625	0.36	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Nitrobenzene	n/a	=	84	%	EPA 625	-88	-88	35	180	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Nitrobenzene	n/a	=	23.4	µg/L	EPA 625	0.36	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Nitrobenzene	n/a	=	94	%	EPA 625	-88	-88	35	180	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Nitrobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	srgt matrix spike	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	14.3	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625	-88	-88	27	111	
2015/16-2	000NONPJ	srgt matrix spike dup	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	15.7	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625	-88	-88	27	111	
2015/16-2	Lab	srgt method blank	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	27	111	
2015/16-2	Lab	srgt LCS	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625	-88	-88	27	111	
2015/16-2	Lab	srgt method blank	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	24.1	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625	-88	-88	27	111	
2015/16-2	Lab	srgt LCS	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	27	111	
2015/16-2	Lab	srgt LCS dup	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	22	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	27	111	
2015/16-2	Lab	srgt method blank	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	3.98	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2015/16-2	Lab	srgt LCS	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	3.6	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2015/16-2	Lab	srgt LCS dup	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	3.47	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2015/16-2	ME-CC	srgt environ	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	27	111	
2015/16-2	ME-CC	srgt environ	2/19/2016	Organic	Nitrobenzene-d5	n/a	=	4.12	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	2/19/2016	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 8270C	-88	-88	51	143	
2015/16-2	ME-VR2	srgt environ	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	19.4	µg/L	EPA 625	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	27	111	
2015/16-2	ME-VR2	srgt environ	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	4.05	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 8270C	-88	-88	51	143	
2015/16-2	MO-CAM	srgt environ	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	19.1	µg/L	EPA 625	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-CAM	srgt environ, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	27	111	
2015/16-2	MO-CAM	srgt environ	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	3.94	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2015/16-2	MO-FIL	srgt environ	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	22.3	µg/L	EPA 625	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625	-88	-88	27	111	
2015/16-2	MO-FIL	srgt environ	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	3.84	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2015/16-2	MO-MEI	srgt environ	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	27	111	
2015/16-2	MO-MEI	srgt environ	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	3.69	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2015/16-2	MO-OJA	srgt environ	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	24.9	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	100	%	EPA 625	-88	-88	27	111	
2015/16-2	MO-OJA	srgt environ	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	3.8	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270C	-88	-88	51	143	
2015/16-2	MO-OXN	srgt environ	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	27	111	
2015/16-2	MO-OXN	srgt environ	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	4.6	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 8270C	-88	-88	51	143	
2015/16-2	MO-SIM	srgt environ	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	22.1	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	27	111	
2015/16-2	MO-SIM	srgt environ	2/19/2016	Organic	Nitrobenzene-d5	n/a	=	4.31	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	2/19/2016	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270C	-88	-88	51	143	
2015/16-2	MO-SPA	srgt environ	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	22.2	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625	-88	-88	27	111	
2015/16-2	MO-SPA	srgt environ	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	4.82	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 8270C	-88	-88	51	143	
2015/16-2	MO-THO	srgt environ	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	24.4	µg/L	EPA 625	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/28/2016	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 625	-88	-88	27	111	
2015/16-2	MO-THO	srgt environ	2/19/2016	Organic	Nitrobenzene-d5	n/a	=	3.61	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	2/19/2016	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2015/16-2	MO-VEN	srgt environ	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 625	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/19/2016	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	27	111	
2015/16-2	MO-VEN	srgt environ	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	4.27	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	2/18/2016	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270C	-88	-88	51	143	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	N-Nitrosodimethylamine	n/a	=	11.2	µg/L	EPA 625	0.14	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625	-88	-88	15	57	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	N-Nitrosodimethylamine	n/a	=	11.2	µg/L	EPA 625	0.14	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625	-88	-88	15	57	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	N-Nitrosodimethylamine	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	N-Nitrosodimethylamine	n/a	=	10.9	µg/L	EPA 625	0.14	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	N-Nitrosodimethylamine	n/a	=	44	%	EPA 625	-88	-88	15	59	
2015/16-2	Lab	method blank	1/28/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	N-Nitrosodimethylamine	n/a	=	11.9	µg/L	EPA 625	0.14	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	N-Nitrosodimethylamine	n/a	=	48	%	EPA 625	-88	-88	15	59	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	N-Nitrosodimethylamine	n/a	=	11.6	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	
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625	-88	-88	15	59	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	N-Nitrosodimethylamine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	15.5	µg/L	EPA 625	0.26	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	62	%	EPA 625	-88	-88	0.1	230	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.9	µg/L	EPA 625	0.26	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	68	%	EPA 625	-88	-88	0.1	230	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	19	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	76	%	EPA 625	-88	-88	0.1	230	
2015/16-2	Lab	method blank	1/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.4	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	82	%	EPA 625	-88	-88	0.1	230	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	22.4	µg/L	EPA 625	0.26	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	89	%	EPA 625	-88	-88	0.1	230	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	N-Nitrosodiphenylamine	n/a	=	10.8	µg/L	EPA 625	0.19	1			GB
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	N-Nitrosodiphenylamine	n/a	=	43	%	EPA 625	-88	-88	49	82	GB
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	N-Nitrosodiphenylamine	n/a	=	12	µg/L	EPA 625	0.19	1			GB
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	N-Nitrosodiphenylamine	n/a	=	48	%	EPA 625	-88	-88	49	82	GB
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	N-Nitrosodiphenylamine	n/a	=	11	%	EPA 625	-88	-88	0	30	GB
2015/16-2	Lab	method blank	1/19/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	N-Nitrosodiphenylamine	n/a	=	15.3	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	N-Nitrosodiphenylamine	n/a	=	61	%	EPA 625	-88	-88	42	90	
2015/16-2	Lab	method blank	1/28/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	N-Nitrosodiphenylamine	n/a	=	17.8	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625	-88	-88	42	90	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	N-Nitrosodiphenylamine	n/a	=	18.8	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	N-Nitrosodiphenylamine	n/a	=	75	%	EPA 625	-88	-88	42	90	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	N-Nitrosodiphenylamine	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-2	000NONPJ	srgt matrix spike	2/26/2016	Organic	Perylene-d12	n/a	=	1.45	µg/L	EPA 525.2	-88	-88			GN
2015/16-2	000NONPJ	srgt matrix spike, rec	2/26/2016	Organic	Perylene-d12	n/a	=	29	%	EPA 525.2	-88	-88	30	118	GN
2015/16-2	000NONPJ	srgt matrix spike dup	2/26/2016	Organic	Perylene-d12	n/a	=	1.64	µg/L	EPA 525.2	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	2/26/2016	Organic	Perylene-d12	n/a	=	33	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt method blank	2/3/2016	Organic	Perylene-d12	n/a	=	4.36	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/3/2016	Organic	Perylene-d12	n/a	=	87	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt LCS	2/3/2016	Organic	Perylene-d12	n/a	=	4.02	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/3/2016	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt LCS dup	2/3/2016	Organic	Perylene-d12	n/a	=	4.36	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/3/2016	Organic	Perylene-d12	n/a	=	87	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt method blank	2/4/2016	Organic	Perylene-d12	n/a	=	4.62	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/4/2016	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt LCS	2/4/2016	Organic	Perylene-d12	n/a	=	4.64	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/4/2016	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt LCS dup	2/4/2016	Organic	Perylene-d12	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/4/2016	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt method blank	2/6/2016	Organic	Perylene-d12	n/a	=	3.66	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	
2015/16-2	Lab	srgt method blank, rec	2/6/2016	Organic	Perylene-d12	n/a	=	73	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt LCS	2/6/2016	Organic	Perylene-d12	n/a	=	4.02	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/6/2016	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt LCS dup	2/6/2016	Organic	Perylene-d12	n/a	=	4.21	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/6/2016	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt method blank	2/26/2016	Organic	Perylene-d12	n/a	=	4.79	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/26/2016	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt LCS	2/26/2016	Organic	Perylene-d12	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/26/2016	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt method blank	3/2/2016	Organic	Perylene-d12	n/a	=	3.47	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	3/2/2016	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	30	118	
2015/16-2	Lab	srgt LCS	3/2/2016	Organic	Perylene-d12	n/a	=	3.44	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	3/2/2016	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	30	118	
2015/16-2	ME-CC	srgt environ	2/5/2016	Organic	Perylene-d12	n/a	=	3.28	µg/L	EPA 525.2	-88	-88			GN
2015/16-2	ME-CC	srgt environ, rec	2/5/2016	Organic	Perylene-d12	n/a	=	16	%	EPA 525.2	-88	-88	30	118	GN
2015/16-2	ME-VR2	srgt environ	2/3/2016	Organic	Perylene-d12	n/a	=	10.6	µg/L	EPA 525.2	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	2/3/2016	Organic	Perylene-d12	n/a	=	43	%	EPA 525.2	-88	-88	30	118	
2015/16-2	MO-CAM	srgt environ	2/26/2016	Organic	Perylene-d12	n/a	=	1.69	µg/L	EPA 525.2	-88	-88			H
2015/16-2	MO-CAM	srgt environ, rec	2/26/2016	Organic	Perylene-d12	n/a	=	34	%	EPA 525.2	-88	-88	30	118	H
2015/16-2	MO-FIL	srgt environ	2/3/2016	Organic	Perylene-d12	n/a	=	9.45	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	2/3/2016	Organic	Perylene-d12	n/a	=	38	%	EPA 525.2	-88	-88	30	118	
2015/16-2	MO-MEI	srgt environ	2/3/2016	Organic	Perylene-d12	n/a	=	12.2	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	2/3/2016	Organic	Perylene-d12	n/a	=	49	%	EPA 525.2	-88	-88	30	118	
2015/16-2	MO-OJA	srgt environ	2/3/2016	Organic	Perylene-d12	n/a	=	11.7	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	2/3/2016	Organic	Perylene-d12	n/a	=	47	%	EPA 525.2	-88	-88	30	118	
2015/16-2	MO-OXN	srgt environ	2/3/2016	Organic	Perylene-d12	n/a	=	8.55	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	2/3/2016	Organic	Perylene-d12	n/a	=	34	%	EPA 525.2	-88	-88	30	118	
2015/16-2	MO-SIM	srgt environ	2/5/2016	Organic	Perylene-d12	n/a	=	2.72	µg/L	EPA 525.2	-88	-88			GN
2015/16-2	MO-SIM	srgt environ, rec	2/5/2016	Organic	Perylene-d12	n/a	=	14	%	EPA 525.2	-88	-88	30	118	GN
2015/16-2	MO-SPA	srgt environ	2/3/2016	Organic	Perylene-d12	n/a	=	10.8	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	2/3/2016	Organic	Perylene-d12	n/a	=	43	%	EPA 525.2	-88	-88	30	118	
2015/16-2	MO-THO	srgt environ	2/5/2016	Organic	Perylene-d12	n/a	=	2.28	µg/L	EPA 525.2	-88	-88			GN
2015/16-2	MO-THO	srgt environ, rec	2/5/2016	Organic	Perylene-d12	n/a	=	11	%	EPA 525.2	-88	-88	30	118	GN
2015/16-2	MO-VEN	srgt environ	2/3/2016	Organic	Perylene-d12	n/a	=	11.8	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	2/3/2016	Organic	Perylene-d12	n/a	=	47	%	EPA 525.2	-88	-88	30	118	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Phenanthrene	n/a	=	17.1	µg/L	EPA 625	0.32	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Phenanthrene	n/a	=	69	%	EPA 625	-88	-88	54	120	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Phenanthrene	n/a	=	19.7	µg/L	EPA 625	0.32	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Phenanthrene	n/a	=	79	%	EPA 625	-88	-88	54	120	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Phenanthrene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Phenanthrene	n/a	=	23.3	µg/L	EPA 625	0.32	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Phenanthrene	n/a	=	93	%	EPA 625	-88	-88	54	120	
2015/16-2	Lab	method blank	1/28/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Phenanthrene	n/a	=	22	µg/L	EPA 625	0.32	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Phenanthrene	n/a	=	88	%	EPA 625	-88	-88	54	120	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Phenanthrene	n/a	=	24	µg/L	EPA 625	0.32	1			

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	
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Phenanthrene	n/a	=	96	%	EPA 625	-88	-88	54	120	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Phenanthrene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Phenanthrene	n/a	=	8.21	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Phenanthrene	n/a	=	82	%	EPA 8270C	-88	-88	21	131	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Phenanthrene	n/a	=	7.45	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Phenanthrene	n/a	=	74	%	EPA 8270C	-88	-88	21	131	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Phenanthrene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Phenol	n/a	=	6.48	µg/L	EPA 625	0.16	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Phenol	n/a	=	26	%	EPA 625	-88	-88	5	112	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Phenol	n/a	=	6.48	µg/L	EPA 625	0.16	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Phenol	n/a	=	26	%	EPA 625	-88	-88	5	112	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Phenol	n/a	=	0	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Phenol	n/a	=	6.62	µg/L	EPA 625	0.16	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Phenol	n/a	=	26	%	EPA 625	-88	-88	5	112	
2015/16-2	Lab	method blank	1/28/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Phenol	n/a	=	6.63	µg/L	EPA 625	0.16	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Phenol	n/a	=	27	%	EPA 625	-88	-88	5	112	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Phenol	n/a	=	7.57	µg/L	EPA 625	0.16	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Phenol	n/a	=	30	%	EPA 625	-88	-88	5	112	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Phenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2015/16-2	Lab	LCS	2/19/2016	Organic	Phenol	n/a	=	3.58	µg/L	EPA 8270C	0.35	1			
2015/16-2	Lab	LCS, rec	2/19/2016	Organic	Phenol	n/a	=	36	%	EPA 8270C	-88	-88	6	43	
2015/16-2	Lab	LCS dup	2/19/2016	Organic	Phenol	n/a	=	3.22	µg/L	EPA 8270C	0.35	1			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Organic	Phenol	n/a	=	32	%	EPA 8270C	-88	-88	6	43	
2015/16-2	Lab	LCS, RPD	2/19/2016	Organic	Phenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2015/16-2	000NONPJ	srgt matrix spike	1/19/2016	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	1/19/2016	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	0.1	53	
2015/16-2	000NONPJ	srgt matrix spike dup	1/19/2016	Organic	Phenol-d5	n/a	=	13.6	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	1/19/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2015/16-2	Lab	srgt method blank	1/19/2016	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/19/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2015/16-2	Lab	srgt LCS	1/19/2016	Organic	Phenol-d5	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/19/2016	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	0.1	53	
2015/16-2	Lab	srgt method blank	1/28/2016	Organic	Phenol-d5	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/28/2016	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	0.1	53	
2015/16-2	Lab	srgt LCS	1/28/2016	Organic	Phenol-d5	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/28/2016	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2015/16-2	Lab	srgt LCS dup	1/28/2016	Organic	Phenol-d5	n/a	=	17.6	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/28/2016	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	0.1	53	
2015/16-2	Lab	srgt method blank	2/19/2016	Organic	Phenol-d5	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/19/2016	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2015/16-2	Lab	srgt LCS	2/19/2016	Organic	Phenol-d5	n/a	=	3.34	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/19/2016	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2015/16-2	Lab	srgt LCS dup	2/19/2016	Organic	Phenol-d5	n/a	=	2.95	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	srgt LCS dup, rec	2/19/2016	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2015/16-2	ME-CC	srgt environ	1/28/2016	Organic	Phenol-d5	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/28/2016	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2015/16-2	ME-CC	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	3.37	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2015/16-2	ME-VR2	srgt environ	1/19/2016	Organic	Phenol-d5	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/19/2016	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2015/16-2	ME-VR2	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	2.87	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2015/16-2	MO-CAM	srgt environ	1/19/2016	Organic	Phenol-d5	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/19/2016	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	0.1	53	
2015/16-2	MO-CAM	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	3.46	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2015/16-2	MO-FIL	srgt environ	1/19/2016	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/19/2016	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2015/16-2	MO-FIL	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	3.17	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2015/16-2	MO-MEI	srgt environ	1/19/2016	Organic	Phenol-d5	n/a	=	18	µg/L	EPA 625	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/19/2016	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	0.1	53	
2015/16-2	MO-MEI	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	3.22	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2015/16-2	MO-OJA	srgt environ	1/19/2016	Organic	Phenol-d5	n/a	=	22.8	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/19/2016	Organic	Phenol-d5	n/a	=	46	%	EPA 625	-88	-88	0.1	53	
2015/16-2	MO-OJA	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	3.91	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	39	%	EPA 8270C	-88	-88	5	46	
2015/16-2	MO-OXN	srgt environ	1/19/2016	Organic	Phenol-d5	n/a	=	15.5	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/19/2016	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2015/16-2	MO-OXN	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	4.2	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	42	%	EPA 8270C	-88	-88	5	46	
2015/16-2	MO-SIM	srgt environ	1/28/2016	Organic	Phenol-d5	n/a	=	16.9	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/28/2016	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2015/16-2	MO-SIM	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	3.53	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2015/16-2	MO-SPA	srgt environ	1/19/2016	Organic	Phenol-d5	n/a	=	18.1	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/19/2016	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	0.1	53	
2015/16-2	MO-SPA	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	4.32	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	43	%	EPA 8270C	-88	-88	5	46	
2015/16-2	MO-THO	srgt environ	1/28/2016	Organic	Phenol-d5	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/28/2016	Organic	Phenol-d5	n/a	=	39	%	EPA 625	-88	-88	0.1	53	
2015/16-2	MO-THO	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2015/16-2	MO-VEN	srgt environ	1/19/2016	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/19/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2015/16-2	MO-VEN	srgt environ	2/19/2016	Organic	Phenol-d5	n/a	=	3.37	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	2/19/2016	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2015/16-2	000NONPJ	srgt matrix spike	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	10.7	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	43	%	EPA 625	-88	-88	28	113	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	000NONPJ	srgt matrix spike dup	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	12.4	µg/L	EPA 625	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	50	%	EPA 625	-88	-88	28	113	
2015/16-2	Lab	srgt method blank	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 625	-88	-88	28	113	
2015/16-2	Lab	srgt LCS	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	16	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 625	-88	-88	28	113	
2015/16-2	Lab	srgt method blank	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	28	113	
2015/16-2	Lab	srgt LCS	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	61	%	EPA 625	-88	-88	28	113	
2015/16-2	Lab	srgt LCS dup	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	28	113	
2015/16-2	Lab	srgt method blank	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	3.8	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 8270C	-88	-88	19	134	
2015/16-2	Lab	srgt LCS	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	3.58	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 8270C	-88	-88	19	134	
2015/16-2	Lab	srgt LCS dup	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	3.41	µg/L	EPA 8270C	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 8270C	-88	-88	19	134	
2015/16-2	ME-CC	srgt environ	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	15	µg/L	EPA 625	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 625	-88	-88	28	113	
2015/16-2	ME-CC	srgt environ	2/19/2016	Organic	p-Terphenyl-d14	n/a	=	4.19	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	2/19/2016	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270C	-88	-88	19	134	
2015/16-2	ME-VR2	srgt environ	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 625	-88	-88	28	113	
2015/16-2	ME-VR2	srgt environ	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	4.24	µg/L	EPA 8270C	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2015/16-2	MO-CAM	srgt environ	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 625	-88	-88	28	113	
2015/16-2	MO-CAM	srgt environ	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	3.89	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270C	-88	-88	19	134	
2015/16-2	MO-FIL	srgt environ	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 625	-88	-88	28	113	
2015/16-2	MO-FIL	srgt environ	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	3.83	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270C	-88	-88	19	134	
2015/16-2	MO-MEI	srgt environ	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	61	%	EPA 625	-88	-88	28	113	
2015/16-2	MO-MEI	srgt environ	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	3.75	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 8270C	-88	-88	19	134	
2015/16-2	MO-OJA	srgt environ	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625	-88	-88	28	113	
2015/16-2	MO-OJA	srgt environ	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	3.85	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270C	-88	-88	19	134	
2015/16-2	MO-OXN	srgt environ	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 625	-88	-88	28	113	
2015/16-2	MO-OXN	srgt environ	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	4.27	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2015/16-2	MO-SIM	srgt environ	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	16.9	µg/L	EPA 625	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	MO-SIM	srgt environ, rec	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	28	113	
2015/16-2	MO-SIM	srgt environ	2/19/2016	Organic	p-Terphenyl-d14	n/a	=	4.42	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	2/19/2016	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270C	-88	-88	19	134	
2015/16-2	MO-SPA	srgt environ	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	17.5	µg/L	EPA 625	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625	-88	-88	28	113	
2015/16-2	MO-SPA	srgt environ	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	4.74	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2015/16-2	MO-THO	srgt environ	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/28/2016	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	28	113	
2015/16-2	MO-THO	srgt environ	2/19/2016	Organic	p-Terphenyl-d14	n/a	=	3.51	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	2/19/2016	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270C	-88	-88	19	134	
2015/16-2	MO-VEN	srgt environ	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/19/2016	Organic	p-Terphenyl-d14	n/a	=	57	%	EPA 625	-88	-88	28	113	
2015/16-2	MO-VEN	srgt environ	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	3.98	µg/L	EPA 8270C	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	2/18/2016	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270C	-88	-88	19	134	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Organic	Pyrene	n/a	=	15.6	µg/L	EPA 625	0.25	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Organic	Pyrene	n/a	=	63	%	EPA 625	-88	-88	52	115	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Organic	Pyrene	n/a	=	18	µg/L	EPA 625	0.25	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Organic	Pyrene	n/a	=	72	%	EPA 625	-88	-88	52	115	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Organic	Pyrene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/19/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	LCS	1/19/2016	Organic	Pyrene	n/a	=	21.5	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Organic	Pyrene	n/a	=	86	%	EPA 625	-88	-88	52	115	
2015/16-2	Lab	method blank	1/28/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	LCS	1/28/2016	Organic	Pyrene	n/a	=	19.6	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Organic	Pyrene	n/a	=	78	%	EPA 625	-88	-88	52	115	
2015/16-2	Lab	LCS dup	1/28/2016	Organic	Pyrene	n/a	=	21.4	µg/L	EPA 625	0.25	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Organic	Pyrene	n/a	=	85	%	EPA 625	-88	-88	52	115	
2015/16-2	Lab	LCS, RPD	1/28/2016	Organic	Pyrene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS	2/18/2016	Organic	Pyrene	n/a	=	7.62	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS, rec	2/18/2016	Organic	Pyrene	n/a	=	76	%	EPA 8270C	-88	-88	26	128	
2015/16-2	Lab	LCS dup	2/18/2016	Organic	Pyrene	n/a	=	7.37	µg/L	EPA 8270C	0.1	0.1			
2015/16-2	Lab	LCS dup, rec	2/18/2016	Organic	Pyrene	n/a	=	74	%	EPA 8270C	-88	-88	26	128	
2015/16-2	Lab	LCS, RPD	2/18/2016	Organic	Pyrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2015/16-2	Lab	srgt method blank	1/18/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0955	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/18/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	95	%	EPA 608	-88	-88	12	117	
2015/16-2	Lab	srgt method blank	1/18/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.103	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/18/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	103	%	EPA 608	-88	-88	12	117	
2015/16-2	Lab	srgt LCS	1/18/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0986	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/18/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	99	%	EPA 608	-88	-88	12	117	
2015/16-2	Lab	srgt LCS dup	1/18/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0969	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/18/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	97	%	EPA 608	-88	-88	12	117	
2015/16-2	Lab	srgt LCS	1/19/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.103	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/19/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	103	%	EPA 608	-88	-88	12	117	
2015/16-2	Lab	srgt LCS dup	1/19/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.102	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/19/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	102	%	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	
2015/16-2	Lab	srgt method blank	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0764	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608	-88	-88	12	117	
2015/16-2	Lab	srgt method blank	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0806	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	81	%	EPA 608	-88	-88	12	117	
2015/16-2	Lab	srgt LCS	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0787	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	12	117	
2015/16-2	Lab	srgt LCS dup	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0725	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	12	117	
2015/16-2	Lab	srgt LCS	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0774	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 608	-88	-88	12	117	
2015/16-2	Lab	srgt LCS dup	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0829	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/21/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608	-88	-88	12	117	
2015/16-2	ME-CC	srgt environ	1/19/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0738	µg/L	EPA 608	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/19/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	12	117	
2015/16-2	ME-VR2	srgt environ	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0719	µg/L	EPA 608	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	12	117	
2015/16-2	MO-CAM	srgt environ	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0531	µg/L	EPA 608	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	53	%	EPA 608	-88	-88	12	117	
2015/16-2	MO-FIL	srgt environ	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0571	µg/L	EPA 608	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	12	117	
2015/16-2	MO-MEI	srgt environ	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.038	µg/L	EPA 608	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	38	%	EPA 608	-88	-88	12	117	
2015/16-2	MO-OJA	srgt environ	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0358	µg/L	EPA 608	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	36	%	EPA 608	-88	-88	12	117	
2015/16-2	MO-OXN	srgt environ	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0563	µg/L	EPA 608	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608	-88	-88	12	117	
2015/16-2	MO-SIM	srgt environ	1/19/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0754	µg/L	EPA 608	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/19/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608	-88	-88	12	117	
2015/16-2	MO-SPA	srgt environ	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0492	µg/L	EPA 608	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608	-88	-88	12	117	
2015/16-2	MO-THO	srgt environ	1/19/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0738	µg/L	EPA 608	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/19/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	12	117	
2015/16-2	MO-VEN	srgt environ	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.044	µg/L	EPA 608	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/22/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	44	%	EPA 608	-88	-88	12	117	
2015/16-2	000NONPJ	srgt matrix spike	1/8/2016	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	1/8/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-2	000NONPJ	srgt matrix spike dup	1/8/2016	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	1/8/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-2	Lab	srgt LCS	1/7/2016	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/7/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-2	Lab	srgt LCS dup	1/7/2016	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/7/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2015/16-2	Lab	srgt method blank	1/7/2016	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/7/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-2	Lab	srgt LCS	1/11/2016	Organic	Toluene-d8	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/11/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-2	Lab	srgt LCS dup	1/11/2016	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-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	
2015/16-2	Lab	srgt LCS dup, rec	1/11/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-2	Lab	srgt method blank	1/11/2016	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/11/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-2	ME-CC	srgt environ	1/8/2016	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/8/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-2	ME-SCR	srgt environ	1/12/2016	Organic	Toluene-d8	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2015/16-2	ME-SCR	srgt environ, rec	1/12/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-2	ME-VR2	srgt environ	1/8/2016	Organic	Toluene-d8	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/8/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-CAM	srgt environ	1/8/2016	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/8/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-FIL	srgt environ	1/12/2016	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/12/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-HUE	srgt environ	1/8/2016	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2015/16-2	MO-HUE	srgt environ, rec	1/8/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-MEI	srgt environ	1/8/2016	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/8/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-MPK	srgt environ	1/12/2016	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-2	MO-MPK	srgt environ, rec	1/12/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-OJA	srgt environ	1/8/2016	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/8/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-OXN	srgt environ	1/8/2016	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/8/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-SIM	srgt environ	1/8/2016	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/8/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-SPA	srgt environ	1/12/2016	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/12/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-THO	srgt environ	1/12/2016	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/12/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-THO	srgt matrix spike	1/12/2016	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-2	MO-THO	srgt matrix spike, rec	1/12/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-THO	srgt matrix spike dup	1/12/2016	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2015/16-2	MO-THO	srgt matrix spike dup, rec	1/12/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-2	MO-VEN	srgt environ	1/8/2016	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/8/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-2	000NONPJ	srgt matrix spike	2/26/2016	Organic	Triphenylphosphate	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike, rec	2/26/2016	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	70	149	
2015/16-2	000NONPJ	srgt matrix spike dup	2/26/2016	Organic	Triphenylphosphate	n/a	=	5.7	µg/L	EPA 525.2	-88	-88			
2015/16-2	000NONPJ	srgt matrix spike dup, rec	2/26/2016	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt method blank	1/12/2016	Organic	Triphenylphosphate	n/a	=	0.535	µg/L	EPA 525.2m	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/12/2016	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	Lab	srgt LCS	1/12/2016	Organic	Triphenylphosphate	n/a	=	0.52	µg/L	EPA 525.2m	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/12/2016	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	Lab	srgt LCS dup	1/12/2016	Organic	Triphenylphosphate	n/a	=	0.42	µg/L	EPA 525.2m	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/12/2016	Organic	Triphenylphosphate	n/a	=	84	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	Lab	srgt method blank	2/3/2016	Organic	Triphenylphosphate	n/a	=	4.23	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/3/2016	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2	-88	-88	70	149	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	srgt LCS	2/3/2016	Organic	Triphenylphosphate	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/3/2016	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt LCS dup	2/3/2016	Organic	Triphenylphosphate	n/a	=	4.43	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/3/2016	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt method blank	2/4/2016	Organic	Triphenylphosphate	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt LCS	2/4/2016	Organic	Triphenylphosphate	n/a	=	4.48	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	90	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt LCS dup	2/4/2016	Organic	Triphenylphosphate	n/a	=	4.46	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt method blank	2/6/2016	Organic	Triphenylphosphate	n/a	=	6.6	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/6/2016	Organic	Triphenylphosphate	n/a	=	132	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt LCS	2/6/2016	Organic	Triphenylphosphate	n/a	=	6.43	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/6/2016	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt LCS dup	2/6/2016	Organic	Triphenylphosphate	n/a	=	6.97	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	2/6/2016	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt method blank	2/26/2016	Organic	Triphenylphosphate	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	2/26/2016	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt LCS	2/26/2016	Organic	Triphenylphosphate	n/a	=	5.52	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	2/26/2016	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt method blank	3/2/2016	Organic	Triphenylphosphate	n/a	=	4.67	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt method blank, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt LCS	3/2/2016	Organic	Triphenylphosphate	n/a	=	5.57	µg/L	EPA 525.2	-88	-88			
2015/16-2	Lab	srgt LCS, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	149	
2015/16-2	ME-CC	srgt environ	1/13/2016	Organic	Triphenylphosphate	n/a	=	0.693	µg/L	EPA 525.2m	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/13/2016	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	ME-CC	srgt environ	2/5/2016	Organic	Triphenylphosphate	n/a	=	19.8	µg/L	EPA 525.2	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	2/5/2016	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	70	149	
2015/16-2	ME-VR2	srgt environ	1/12/2016	Organic	Triphenylphosphate	n/a	=	0.446	µg/L	EPA 525.2m	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/12/2016	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	ME-VR2	srgt environ	2/3/2016	Organic	Triphenylphosphate	n/a	=	23.6	µg/L	EPA 525.2	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	2/3/2016	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	70	149	
2015/16-2	MO-CAM	srgt environ	1/12/2016	Organic	Triphenylphosphate	n/a	=	0.738	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/12/2016	Organic	Triphenylphosphate	n/a	=	148	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	MO-CAM	srgt environ	2/26/2016	Organic	Triphenylphosphate	n/a	=	5.63	µg/L	EPA 525.2	-88	-88			H
2015/16-2	MO-CAM	srgt environ, rec	2/26/2016	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	149	H
2015/16-2	MO-FIL	srgt environ	1/13/2016	Organic	Triphenylphosphate	n/a	=	0.574	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/13/2016	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	MO-FIL	srgt environ	2/3/2016	Organic	Triphenylphosphate	n/a	=	25.8	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	2/3/2016	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	70	149	
2015/16-2	MO-MEI	srgt environ	1/13/2016	Organic	Triphenylphosphate	n/a	=	0.644	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/13/2016	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	MO-MEI	srgt environ	2/3/2016	Organic	Triphenylphosphate	n/a	=	24.2	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	2/3/2016	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	70	149	
2015/16-2	MO-OJA	srgt environ	1/13/2016	Organic	Triphenylphosphate	n/a	=	0.771	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/13/2016	Organic	Triphenylphosphate	n/a	=	154	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	MO-OJA	srgt environ	2/3/2016	Organic	Triphenylphosphate	n/a	=	23.9	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	
2015/16-2	MO-OJA	srgt environ, rec	2/3/2016	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	70	149	
2015/16-2	MO-OXN	srgt environ	1/13/2016	Organic	Triphenylphosphate	n/a	=	0.674	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/13/2016	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	MO-OXN	srgt environ	2/3/2016	Organic	Triphenylphosphate	n/a	=	27.2	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	2/3/2016	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	149	
2015/16-2	MO-SIM	srgt environ	1/13/2016	Organic	Triphenylphosphate	n/a	=	0.688	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/13/2016	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	MO-SIM	srgt environ	2/5/2016	Organic	Triphenylphosphate	n/a	=	18.6	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	2/5/2016	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2	-88	-88	70	149	
2015/16-2	MO-SPA	srgt environ	1/13/2016	Organic	Triphenylphosphate	n/a	=	0.782	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/13/2016	Organic	Triphenylphosphate	n/a	=	156	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	MO-SPA	srgt environ	2/3/2016	Organic	Triphenylphosphate	n/a	=	26.3	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	2/3/2016	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	149	
2015/16-2	MO-THO	srgt environ	1/13/2016	Organic	Triphenylphosphate	n/a	=	0.959	µg/L	EPA 525.2m	-88	-88			GN
2015/16-2	MO-THO	srgt environ, rec	1/13/2016	Organic	Triphenylphosphate	n/a	=	192	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-2	MO-THO	srgt environ	2/5/2016	Organic	Triphenylphosphate	n/a	=	17.9	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	2/5/2016	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	70	149	
2015/16-2	MO-VEN	srgt environ	1/13/2016	Organic	Triphenylphosphate	n/a	=	0.75	µg/L	EPA 525.2m	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/13/2016	Organic	Triphenylphosphate	n/a	=	150	%	EPA 525.2m	-88	-88	40	163	
2015/16-2	MO-VEN	srgt environ	2/3/2016	Organic	Triphenylphosphate	n/a	=	26.6	µg/L	EPA 525.2	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	2/3/2016	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	149	
2015/16-2	Lab	srgt method blank	1/18/2016	PCB	PCB 209	n/a	=	0.0947	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/18/2016	PCB	PCB 209	n/a	=	95	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt method blank	1/18/2016	PCB	PCB 209	n/a	=	0.0987	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/18/2016	PCB	PCB 209	n/a	=	99	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt LCS	1/18/2016	PCB	PCB 209	n/a	=	0.101	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/18/2016	PCB	PCB 209	n/a	=	101	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt LCS dup	1/18/2016	PCB	PCB 209	n/a	=	0.0978	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/18/2016	PCB	PCB 209	n/a	=	98	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt LCS	1/19/2016	PCB	PCB 209	n/a	=	0.112	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/19/2016	PCB	PCB 209	n/a	=	112	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt LCS dup	1/19/2016	PCB	PCB 209	n/a	=	0.11	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/19/2016	PCB	PCB 209	n/a	=	110	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt method blank	1/21/2016	PCB	PCB 209	n/a	=	0.0905	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/21/2016	PCB	PCB 209	n/a	=	91	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt method blank	1/21/2016	PCB	PCB 209	n/a	=	0.098	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt method blank, rec	1/21/2016	PCB	PCB 209	n/a	=	98	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt LCS	1/21/2016	PCB	PCB 209	n/a	=	0.0986	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/21/2016	PCB	PCB 209	n/a	=	99	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt LCS dup	1/21/2016	PCB	PCB 209	n/a	=	0.0908	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/21/2016	PCB	PCB 209	n/a	=	91	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt LCS	1/21/2016	PCB	PCB 209	n/a	=	0.0921	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS, rec	1/21/2016	PCB	PCB 209	n/a	=	92	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	srgt LCS dup	1/21/2016	PCB	PCB 209	n/a	=	0.1	µg/L	EPA 608	-88	-88			
2015/16-2	Lab	srgt LCS dup, rec	1/21/2016	PCB	PCB 209	n/a	=	100	%	EPA 608	-88	-88	0.1	118	
2015/16-2	ME-CC	srgt environ	1/19/2016	PCB	PCB 209	n/a	=	0.0711	µg/L	EPA 608	-88	-88			
2015/16-2	ME-CC	srgt environ, rec	1/19/2016	PCB	PCB 209	n/a	=	71	%	EPA 608	-88	-88	0.1	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	
2015/16-2	ME-VR2	srgt environ	1/22/2016	PCB	PCB 209	n/a	=	0.0826	µg/L	EPA 608	-88	-88			
2015/16-2	ME-VR2	srgt environ, rec	1/22/2016	PCB	PCB 209	n/a	=	83	%	EPA 608	-88	-88	0.1	118	
2015/16-2	MO-CAM	srgt environ	1/22/2016	PCB	PCB 209	n/a	=	0.0399	µg/L	EPA 608	-88	-88			
2015/16-2	MO-CAM	srgt environ, rec	1/22/2016	PCB	PCB 209	n/a	=	40	%	EPA 608	-88	-88	0.1	118	
2015/16-2	MO-FIL	srgt environ	1/22/2016	PCB	PCB 209	n/a	=	0.0564	µg/L	EPA 608	-88	-88			
2015/16-2	MO-FIL	srgt environ, rec	1/22/2016	PCB	PCB 209	n/a	=	56	%	EPA 608	-88	-88	0.1	118	
2015/16-2	MO-MEI	srgt environ	1/22/2016	PCB	PCB 209	n/a	=	0.035	µg/L	EPA 608	-88	-88			
2015/16-2	MO-MEI	srgt environ, rec	1/22/2016	PCB	PCB 209	n/a	=	35	%	EPA 608	-88	-88	0.1	118	
2015/16-2	MO-OJA	srgt environ	1/22/2016	PCB	PCB 209	n/a	=	0.0303	µg/L	EPA 608	-88	-88			
2015/16-2	MO-OJA	srgt environ, rec	1/22/2016	PCB	PCB 209	n/a	=	30	%	EPA 608	-88	-88	0.1	118	
2015/16-2	MO-OXN	srgt environ	1/22/2016	PCB	PCB 209	n/a	=	0.0474	µg/L	EPA 608	-88	-88			
2015/16-2	MO-OXN	srgt environ, rec	1/22/2016	PCB	PCB 209	n/a	=	47	%	EPA 608	-88	-88	0.1	118	
2015/16-2	MO-SIM	srgt environ	1/19/2016	PCB	PCB 209	n/a	=	0.0774	µg/L	EPA 608	-88	-88			
2015/16-2	MO-SIM	srgt environ, rec	1/19/2016	PCB	PCB 209	n/a	=	77	%	EPA 608	-88	-88	0.1	118	
2015/16-2	MO-SPA	srgt environ	1/22/2016	PCB	PCB 209	n/a	=	0.0381	µg/L	EPA 608	-88	-88			
2015/16-2	MO-SPA	srgt environ, rec	1/22/2016	PCB	PCB 209	n/a	=	38	%	EPA 608	-88	-88	0.1	118	
2015/16-2	MO-THO	srgt environ	1/19/2016	PCB	PCB 209	n/a	=	0.073	µg/L	EPA 608	-88	-88			
2015/16-2	MO-THO	srgt environ, rec	1/19/2016	PCB	PCB 209	n/a	=	73	%	EPA 608	-88	-88	0.1	118	
2015/16-2	MO-VEN	srgt environ	1/22/2016	PCB	PCB 209	n/a	=	0.0355	µg/L	EPA 608	-88	-88			
2015/16-2	MO-VEN	srgt environ, rec	1/22/2016	PCB	PCB 209	n/a	=	36	%	EPA 608	-88	-88	0.1	118	
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-2	Lab	method blank	1/18/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1260	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	
2015/16-2	Lab	method blank	1/21/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-2	Lab	method blank	1/11/2016	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	2,4,5-T	n/a	=	3.99	µg/L	EPA 515.3	0.07	0.2			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	2,4,5-T	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	2,4,5-T	n/a	=	3.44	µg/L	EPA 515.3	0.07	0.2			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	2,4,5-T	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	2,4,5-T	n/a	=	3.4	µg/L	EPA 515.3	0.07	0.2			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	2,4,5-T	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	2,4,5-T	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	2,4,5-T	n/a	=	3.39	µg/L	EPA 515.3	0.07	0.2			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	2,4,5-T	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	2,4,5-T	n/a	=	3.36	µg/L	EPA 515.3	0.07	0.2			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	2,4,5-T	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	2,4,5-T	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	2,4,5-TP	n/a	=	3.58	µg/L	EPA 515.3	0.09	0.2			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	2,4,5-TP	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	2,4,5-TP	n/a	=	3.38	µg/L	EPA 515.3	0.09	0.2			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	2,4,5-TP	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	2,4,5-TP	n/a	=	3.6	µg/L	EPA 515.3	0.09	0.2			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	2,4,5-TP	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	2,4,5-TP	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	2,4,5-TP	n/a	=	3.11	µg/L	EPA 515.3	0.09	0.2			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	2,4,5-TP	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	2,4,5-TP	n/a	=	3.2	µg/L	EPA 515.3	0.09	0.2			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	2,4,5-TP	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	2,4-D	n/a	=	7.56	µg/L	EPA 515.3	0.07	0.4			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	2,4-D	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	2,4-D	n/a	=	6.78	µg/L	EPA 515.3	0.07	0.4			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	2,4-D	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	2,4-D	n/a	=	6.48	µg/L	EPA 515.3	0.07	0.4			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	2,4-D	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	2,4-D	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	2,4-D	n/a	=	7.65	µg/L	EPA 515.3	0.07	0.4			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	2,4-D	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	2,4-D	n/a	=	7.72	µg/L	EPA 515.3	0.07	0.4			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	2,4-D	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	2,4-D	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	2,4-DB	n/a	=	15.2	µg/L	EPA 515.3	0.07	2			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	2,4-DB	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	2,4-DB	n/a	=	14.4	µg/L	EPA 515.3	0.07	2			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	2,4-DB	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	2,4-DB	n/a	=	14.8	µg/L	EPA 515.3	0.07	2			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	2,4-DB	n/a	=	93	%	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	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	2,4-DB	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	2,4-DB	n/a	=	14.7	µg/L	EPA 515.3	0.07	2			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	2,4-DB	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	2,4-DB	n/a	=	15	µg/L	EPA 515.3	0.07	2			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	2,4-DB	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.82	µg/L	EPA 515.3	0.09	1			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.34	µg/L	EPA 515.3	0.09	1			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.43	µg/L	EPA 515.3	0.09	1			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.36	µg/L	EPA 515.3	0.09	1			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.51	µg/L	EPA 515.3	0.09	1			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	4,4'-DDD	n/a	=	0.105	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	4,4'-DDD	n/a	=	105	%	EPA 608	-88	-88	42	133	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	4,4'-DDD	n/a	=	0.101	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	4,4'-DDD	n/a	=	101	%	EPA 608	-88	-88	42	133	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	4,4'-DDD	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	4,4'-DDD	n/a	=	0.112	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	4,4'-DDD	n/a	=	112	%	EPA 608	-88	-88	42	133	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	4,4'-DDD	n/a	=	0.113	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	4,4'-DDD	n/a	=	113	%	EPA 608	-88	-88	42	133	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	4,4'-DDD	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	4,4'-DDD	n/a	=	0.0913	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	4,4'-DDD	n/a	=	91	%	EPA 608	-88	-88	42	133	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	4,4'-DDD	n/a	=	0.086	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	4,4'-DDD	n/a	=	86	%	EPA 608	-88	-88	42	133	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	4,4'-DDD	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	4,4'-DDD	n/a	=	0.0865	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	4,4'-DDD	n/a	=	87	%	EPA 608	-88	-88	42	133	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	4,4'-DDD	n/a	=	0.0953	µg/L	EPA 608	0.003	0.05			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	4,4'-DDD	n/a	=	95	%	EPA 608	-88	-88	42	133	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	4,4'-DDD	n/a	=	10	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	4,4'-DDE	n/a	=	0.105	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	4,4'-DDE	n/a	=	105	%	EPA 608	-88	-88	33	126	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	4,4'-DDE	n/a	=	0.1	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	4,4'-DDE	n/a	=	100	%	EPA 608	-88	-88	33	126	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	4,4'-DDE	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	4,4'-DDE	n/a	=	0.11	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	4,4'-DDE	n/a	=	110	%	EPA 608	-88	-88	33	126	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	4,4'-DDE	n/a	=	0.114	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	4,4'-DDE	n/a	=	114	%	EPA 608	-88	-88	33	126	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	4,4'-DDE	n/a	=	0.0893	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	4,4'-DDE	n/a	=	89	%	EPA 608	-88	-88	33	126	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	4,4'-DDE	n/a	=	0.082	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	4,4'-DDE	n/a	=	82	%	EPA 608	-88	-88	33	126	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	4,4'-DDE	n/a	=	9	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	4,4'-DDE	n/a	=	0.0842	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	4,4'-DDE	n/a	=	84	%	EPA 608	-88	-88	33	126	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	4,4'-DDE	n/a	=	0.0905	µg/L	EPA 608	0.0025	0.05			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	4,4'-DDE	n/a	=	90	%	EPA 608	-88	-88	33	126	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	4,4'-DDE	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	4,4'-DDT	n/a	=	0.112	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	4,4'-DDT	n/a	=	112	%	EPA 608	-88	-88	35	147	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	4,4'-DDT	n/a	=	0.106	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	4,4'-DDT	n/a	=	106	%	EPA 608	-88	-88	35	147	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	4,4'-DDT	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	4,4'-DDT	n/a	=	0.12	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	4,4'-DDT	n/a	=	120	%	EPA 608	-88	-88	35	147	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	4,4'-DDT	n/a	=	0.121	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	4,4'-DDT	n/a	=	121	%	EPA 608	-88	-88	35	147	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	4,4'-DDT	n/a	=	0.9	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	4,4'-DDT	n/a	=	0.0978	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	4,4'-DDT	n/a	=	98	%	EPA 608	-88	-88	35	147	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	4,4'-DDT	n/a	=	0.0919	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	4,4'-DDT	n/a	=	92	%	EPA 608	-88	-88	35	147	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	4,4'-DDT	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	4,4'-DDT	n/a	=	0.0927	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	4,4'-DDT	n/a	=	93	%	EPA 608	-88	-88	35	147	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	4,4'-DDT	n/a	=	0.101	µg/L	EPA 608	0.0031	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	4,4'-DDT	n/a	=	101	%	EPA 608	-88	-88	35	147	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	4,4'-DDT	n/a	=	9	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	Acifluorfen	n/a	=	3.97	µg/L	EPA 515.3	0.06	0.4			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	Acifluorfen	n/a	=	99	%	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	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	Acifluorfen	n/a	=	3.72	µg/L	EPA 515.3	0.06	0.4			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	Acifluorfen	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	Acifluorfen	n/a	=	3.69	µg/L	EPA 515.3	0.06	0.4			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	Acifluorfen	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	Acifluorfen	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	Acifluorfen	n/a	=	3.69	µg/L	EPA 515.3	0.06	0.4			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	Acifluorfen	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	Acifluorfen	n/a	=	3.75	µg/L	EPA 515.3	0.06	0.4			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	Acifluorfen	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	Acifluorfen	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Alachlor	n/a	=	5.47	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Alachlor	n/a	=	109	%	EPA 525.2	-88	-88	44	149	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Alachlor	n/a	=	4.75	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	44	149	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Alachlor	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Alachlor	n/a	=	4.82	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Alachlor	n/a	=	96	%	EPA 525.2	-88	-88	55	124	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Alachlor	n/a	=	5.9	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Alachlor	n/a	=	118	%	EPA 525.2	-88	-88	55	124	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Alachlor	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Alachlor	n/a	=	5.58	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Alachlor	n/a	=	112	%	EPA 525.2	-88	-88	55	124	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Alachlor	n/a	=	5.73	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Alachlor	n/a	=	115	%	EPA 525.2	-88	-88	55	124	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Alachlor	n/a	=	3.76	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Alachlor	n/a	=	75	%	EPA 525.2	-88	-88	55	124	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Alachlor	n/a	=	4.39	µg/L	EPA 525.2	0.022	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Alachlor	n/a	=	88	%	EPA 525.2	-88	-88	55	124	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	Aldrin	n/a	=	0.101	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	Aldrin	n/a	=	101	%	EPA 608	-88	-88	18	117	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	Aldrin	n/a	=	0.0977	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	Aldrin	n/a	=	98	%	EPA 608	-88	-88	18	117	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	Aldrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	Aldrin	n/a	=	0.108	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	Aldrin	n/a	=	108	%	EPA 608	-88	-88	18	117	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	Aldrin	n/a	=	0.112	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	Aldrin	n/a	=	112	%	EPA 608	-88	-88	18	117	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	Aldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Aldrin	n/a	=	0.0859	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Aldrin	n/a	=	86	%	EPA 608	-88	-88	18	117	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Aldrin	n/a	=	0.0788	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Aldrin	n/a	=	79	%	EPA 608	-88	-88	18	117	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Aldrin	n/a	=	9	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Aldrin	n/a	=	0.0801	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Aldrin	n/a	=	80	%	EPA 608	-88	-88	18	117	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Aldrin	n/a	=	0.0862	µg/L	EPA 608	0.0015	0.005			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Aldrin	n/a	=	86	%	EPA 608	-88	-88	18	117	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Aldrin	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	alpha-BHC	n/a	=	0.108	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	alpha-BHC	n/a	=	108	%	EPA 608	-88	-88	47	119	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	alpha-BHC	n/a	=	0.103	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	alpha-BHC	n/a	=	103	%	EPA 608	-88	-88	47	119	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	alpha-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	alpha-BHC	n/a	=	0.113	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	alpha-BHC	n/a	=	113	%	EPA 608	-88	-88	47	119	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	alpha-BHC	n/a	=	0.116	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	alpha-BHC	n/a	=	116	%	EPA 608	-88	-88	47	119	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	alpha-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	alpha-BHC	n/a	=	0.0888	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	alpha-BHC	n/a	=	89	%	EPA 608	-88	-88	47	119	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	alpha-BHC	n/a	=	0.0815	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	alpha-BHC	n/a	=	82	%	EPA 608	-88	-88	47	119	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	alpha-BHC	n/a	=	8	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	alpha-BHC	n/a	=	0.0849	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	alpha-BHC	n/a	=	85	%	EPA 608	-88	-88	47	119	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	alpha-BHC	n/a	=	0.0899	µg/L	EPA 608	0.0018	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	alpha-BHC	n/a	=	90	%	EPA 608	-88	-88	47	119	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	alpha-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Atrazine	n/a	=	2.9	µg/L	EPA 525.2	0.034	0.1			GB
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Atrazine	n/a	=	58	%	EPA 525.2	-88	-88	67	145	GB
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Atrazine	n/a	=	3.09	µg/L	EPA 525.2	0.034	0.1			GB
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Atrazine	n/a	=	62	%	EPA 525.2	-88	-88	67	145	GB
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Atrazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	GB
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Atrazine	n/a	=	4.2	µg/L	EPA 525.2	0.034	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Atrazine	n/a	=	84	%	EPA 525.2	-88	-88	67	131	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Atrazine	n/a	=	4.14	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	
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Atrazine	n/a	=	83	%	EPA 525.2	-88	-88	67	131	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Atrazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Atrazine	n/a	=	4.16	µg/L	EPA 525.2	0.034	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Atrazine	n/a	=	83	%	EPA 525.2	-88	-88	67	131	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Atrazine	n/a	=	3.94	µg/L	EPA 525.2	0.034	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Atrazine	n/a	=	79	%	EPA 525.2	-88	-88	67	131	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Atrazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Atrazine	n/a	=	4.06	µg/L	EPA 525.2	0.034	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Atrazine	n/a	=	81	%	EPA 525.2	-88	-88	67	131	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Atrazine	n/a	=	4.13	µg/L	EPA 525.2	0.034	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Atrazine	n/a	=	83	%	EPA 525.2	-88	-88	67	131	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Azinphos methyl	n/a	=	0.0421	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Azinphos methyl	n/a	=	84	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Azinphos methyl	n/a	=	0.0294	µg/L	EPA 525.2m	0.0055	0.01			IL
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Azinphos methyl	n/a	=	59	%	EPA 525.2m	-88	-88	0.1	188	IL
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Azinphos methyl	n/a	=	35	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-2	Lab	method blank	1/11/2016	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	Bentazon	n/a	=	15.5	µg/L	EPA 515.3	0.11	2			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	Bentazon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	Bentazon	n/a	=	14.9	µg/L	EPA 515.3	0.11	2			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	Bentazon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	Bentazon	n/a	=	15.3	µg/L	EPA 515.3	0.11	2			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	Bentazon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	Bentazon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	Bentazon	n/a	=	15.4	µg/L	EPA 515.3	0.11	2			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	Bentazon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	Bentazon	n/a	=	16.4	µg/L	EPA 515.3	0.11	2			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	Bentazon	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	Bentazon	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	beta-BHC	n/a	=	0.116	µg/L	EPA 608	0.0031	0.005			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	beta-BHC	n/a	=	116	%	EPA 608	-88	-88	53	123	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	beta-BHC	n/a	=	0.112	µg/L	EPA 608	0.0031	0.005			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	beta-BHC	n/a	=	112	%	EPA 608	-88	-88	53	123	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	beta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	beta-BHC	n/a	=	0.126	µg/L	EPA 608	0.0031	0.005			EUM
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	beta-BHC	n/a	=	126	%	EPA 608	-88	-88	53	123	EUM
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	beta-BHC	n/a	=	0.126	µg/L	EPA 608	0.0031	0.005			EUM
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	beta-BHC	n/a	=	126	%	EPA 608	-88	-88	53	123	EUM
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	beta-BHC	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	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	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	beta-BHC	n/a	=	0.0955	µg/L	EPA 608	0.0031	0.005			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	beta-BHC	n/a	=	95	%	EPA 608	-88	-88	53	123	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	beta-BHC	n/a	=	0.0914	µg/L	EPA 608	0.0031	0.005			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	beta-BHC	n/a	=	91	%	EPA 608	-88	-88	53	123	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	beta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	beta-BHC	n/a	=	0.0914	µg/L	EPA 608	0.0031	0.005			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	beta-BHC	n/a	=	91	%	EPA 608	-88	-88	53	123	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	beta-BHC	n/a	=	0.0974	µg/L	EPA 608	0.0031	0.005			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	beta-BHC	n/a	=	97	%	EPA 608	-88	-88	53	123	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	beta-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Bolstar	n/a	=	0.0374	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Bolstar	n/a	=	75	%	EPA 525.2m	-88	-88	11	166	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Bolstar	n/a	=	0.0162	µg/L	EPA 525.2m	0.0046	0.01			IL
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Bolstar	n/a	=	32	%	EPA 525.2m	-88	-88	11	166	IL
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Bolstar	n/a	=	79	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Bromacil	n/a	=	6.82	µg/L	EPA 525.2	0.038	1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Bromacil	n/a	=	136	%	EPA 525.2	-88	-88	60	160	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Bromacil	n/a	=	6.98	µg/L	EPA 525.2	0.038	1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Bromacil	n/a	=	140	%	EPA 525.2	-88	-88	60	160	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Bromacil	n/a	=	5.11	µg/L	EPA 525.2	0.038	1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Bromacil	n/a	=	102	%	EPA 525.2	-88	-88	62	139	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Bromacil	n/a	=	5.45	µg/L	EPA 525.2	0.038	1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Bromacil	n/a	=	109	%	EPA 525.2	-88	-88	62	139	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Bromacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Bromacil	n/a	=	5.31	µg/L	EPA 525.2	0.038	1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Bromacil	n/a	=	106	%	EPA 525.2	-88	-88	62	139	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Bromacil	n/a	=	4.97	µg/L	EPA 525.2	0.038	1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Bromacil	n/a	=	99	%	EPA 525.2	-88	-88	62	139	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Bromacil	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Bromacil	n/a	=	5.8	µg/L	EPA 525.2	0.038	1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Bromacil	n/a	=	116	%	EPA 525.2	-88	-88	62	139	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Bromacil	n/a	=	6.07	µg/L	EPA 525.2	0.038	1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Bromacil	n/a	=	121	%	EPA 525.2	-88	-88	62	139	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Butachlor	n/a	=	6.58	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Butachlor	n/a	=	132	%	EPA 525.2	-88	-88	53	146	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Butachlor	n/a	=	5.82	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Butachlor	n/a	=	116	%	EPA 525.2	-88	-88	53	146	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Butachlor	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Butachlor	n/a	=	4.78	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Butachlor	n/a	=	96	%	EPA 525.2	-88	-88	61	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	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Butachlor	n/a	=	5.6	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Butachlor	n/a	=	112	%	EPA 525.2	-88	-88	61	127	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Butachlor	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Butachlor	n/a	=	5.05	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Butachlor	n/a	=	101	%	EPA 525.2	-88	-88	61	127	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Butachlor	n/a	=	5.17	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Butachlor	n/a	=	103	%	EPA 525.2	-88	-88	61	127	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Butachlor	n/a	=	4.35	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Butachlor	n/a	=	87	%	EPA 525.2	-88	-88	61	127	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Butachlor	n/a	=	5.13	µg/L	EPA 525.2	0.017	0.2			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Butachlor	n/a	=	103	%	EPA 525.2	-88	-88	61	127	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Captan	n/a	=	5.74	µg/L	EPA 525.2	0.86	1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Captan	n/a	=	115	%	EPA 525.2	-88	-88	1	183	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Captan	n/a	=	5.58	µg/L	EPA 525.2	0.86	1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Captan	n/a	=	112	%	EPA 525.2	-88	-88	1	183	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Captan	n/a	=	4.85	µg/L	EPA 525.2	0.86	1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Captan	n/a	=	97	%	EPA 525.2	-88	-88	14	159	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Captan	n/a	=	4.74	µg/L	EPA 525.2	0.86	1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Captan	n/a	=	95	%	EPA 525.2	-88	-88	14	159	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Captan	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Captan	n/a	=	4.55	µg/L	EPA 525.2	0.86	1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Captan	n/a	=	91	%	EPA 525.2	-88	-88	14	159	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Captan	n/a	=	4.45	µg/L	EPA 525.2	0.86	1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Captan	n/a	=	89	%	EPA 525.2	-88	-88	14	159	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Captan	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Captan	n/a	=	4.72	µg/L	EPA 525.2	0.86	1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Captan	n/a	=	94	%	EPA 525.2	-88	-88	14	159	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Captan	n/a	=	4.83	µg/L	EPA 525.2	0.86	1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Captan	n/a	=	97	%	EPA 525.2	-88	-88	14	159	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Chloropropham	n/a	=	4.81	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Chloropropham	n/a	=	96	%	EPA 525.2	-88	-88	80	156	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Chloropropham	n/a	=	4.86	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Chloropropham	n/a	=	97	%	EPA 525.2	-88	-88	80	156	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Chloropropham	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	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Chloropropham	n/a	=	4.77	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Chloropropham	n/a	=	95	%	EPA 525.2	-88	-88	77	143	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Chloropropham	n/a	=	4.66	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Chloropropham	n/a	=	93	%	EPA 525.2	-88	-88	77	143	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Chloropropham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Chloropropham	n/a	=	4.55	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Chloropropham	n/a	=	91	%	EPA 525.2	-88	-88	77	143	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Chloropropham	n/a	=	4.54	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Chloropropham	n/a	=	91	%	EPA 525.2	-88	-88	77	143	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Chloropropham	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Chloropropham	n/a	=	4.98	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Chloropropham	n/a	=	100	%	EPA 525.2	-88	-88	77	143	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Chloropropham	n/a	=	4.9	µg/L	EPA 525.2	0.01	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Chloropropham	n/a	=	98	%	EPA 525.2	-88	-88	77	143	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Chlorpyrifos	n/a	=	0.0479	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Chlorpyrifos	n/a	=	96	%	EPA 525.2m	-88	-88	37	169	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Chlorpyrifos	n/a	=	0.0526	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Chlorpyrifos	n/a	=	105	%	EPA 525.2m	-88	-88	37	169	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Chlorpyrifos	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Coumaphos	n/a	=	0.0438	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Coumaphos	n/a	=	88	%	EPA 525.2m	-88	-88	0.1	225	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Coumaphos	n/a	=	0.0312	µg/L	EPA 525.2m	0.0051	0.01			IL
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Coumaphos	n/a	=	62	%	EPA 525.2m	-88	-88	0.1	225	IL
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Coumaphos	n/a	=	34	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Cyanazine	n/a	=	2.38	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Cyanazine	n/a	=	48	%	EPA 525.2	-88	-88	32	142	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Cyanazine	n/a	=	3.06	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Cyanazine	n/a	=	61	%	EPA 525.2	-88	-88	32	142	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Cyanazine	n/a	=	25	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Cyanazine	n/a	=	4.39	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Cyanazine	n/a	=	88	%	EPA 525.2	-88	-88	61	129	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Cyanazine	n/a	=	4.01	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Cyanazine	n/a	=	80	%	EPA 525.2	-88	-88	61	129	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Cyanazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Cyanazine	n/a	=	3.83	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Cyanazine	n/a	=	77	%	EPA 525.2	-88	-88	61	129	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Cyanazine	n/a	=	3.74	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Cyanazine	n/a	=	75	%	EPA 525.2	-88	-88	61	129	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Cyanazine	n/a	=	2	%	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	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Cyanazine	n/a	=	3.76	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Cyanazine	n/a	=	75	%	EPA 525.2	-88	-88	61	129	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Cyanazine	n/a	=	3.57	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Cyanazine	n/a	=	71	%	EPA 525.2	-88	-88	61	129	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	Dalapon	n/a	=	7.36	µg/L	EPA 515.3	0.1	0.4			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	Dalapon	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	Dalapon	n/a	=	6.74	µg/L	EPA 515.3	0.1	0.4			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	Dalapon	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	Dalapon	n/a	=	6.96	µg/L	EPA 515.3	0.1	0.4			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	Dalapon	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	Dalapon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	Dalapon	n/a	=	6.94	µg/L	EPA 515.3	0.1	0.4			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	Dalapon	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	Dalapon	n/a	=	6.9	µg/L	EPA 515.3	0.1	0.4			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	Dalapon	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	Dalapon	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.91	µg/L	EPA 515.3	0.07	0.1			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.87	µg/L	EPA 515.3	0.07	0.1			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.77	µg/L	EPA 515.3	0.07	0.1			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.95	µg/L	EPA 515.3	0.07	0.1			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.01	µg/L	EPA 515.3	0.07	0.1			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	delta-BHC	n/a	=	0.124	µg/L	EPA 608	0.0025	0.005			EUM
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	delta-BHC	n/a	=	124	%	EPA 608	-88	-88	51	123	EUM
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	delta-BHC	n/a	=	0.119	µg/L	EPA 608	0.0025	0.005			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	delta-BHC	n/a	=	119	%	EPA 608	-88	-88	51	123	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	delta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	delta-BHC	n/a	=	0.131	µg/L	EPA 608	0.0025	0.005			EUM
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	delta-BHC	n/a	=	131	%	EPA 608	-88	-88	51	123	EUM
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	delta-BHC	n/a	=	0.135	µg/L	EPA 608	0.0025	0.005			EUM
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	delta-BHC	n/a	=	135	%	EPA 608	-88	-88	51	123	EUM
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	delta-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	delta-BHC	n/a	=	0.103	µg/L	EPA 608	0.0025	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	
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	delta-BHC	n/a	=	103	%	EPA 608	-88	-88	51	123	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	delta-BHC	n/a	=	0.098	µg/L	EPA 608	0.0025	0.005			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	delta-BHC	n/a	=	98	%	EPA 608	-88	-88	51	123	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	delta-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	delta-BHC	n/a	=	0.099	µg/L	EPA 608	0.0025	0.005			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	delta-BHC	n/a	=	99	%	EPA 608	-88	-88	51	123	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	delta-BHC	n/a	=	0.105	µg/L	EPA 608	0.0025	0.005			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	delta-BHC	n/a	=	105	%	EPA 608	-88	-88	51	123	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	delta-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Demeton-O	n/a	=	0.0343	µg/L	EPA 525.2m	0.01	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Demeton-O	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Demeton-O	n/a	=	0.0272	µg/L	EPA 525.2m	0.01	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Demeton-O	n/a	=	54	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Demeton-O	n/a	=	23	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Demeton-S	n/a	=	0.0476	µg/L	EPA 525.2m	0.01	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Demeton-S	n/a	=	95	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Demeton-S	n/a	=	0.0381	µg/L	EPA 525.2m	0.01	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Demeton-S	n/a	=	76	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Demeton-S	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Diazinon	n/a	=	9.79	µg/L	EPA 525.2	0.096	0.1			GB
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Diazinon	n/a	=	196	%	EPA 525.2	-88	-88	21	153	GB
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Diazinon	n/a	=	6.31	µg/L	EPA 525.2	0.096	0.1			IL
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Diazinon	n/a	=	126	%	EPA 525.2	-88	-88	21	153	IL
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Diazinon	n/a	=	43	%	EPA 525.2	-88	-88	0	30	IL
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Diazinon	n/a	=	0.0475	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Diazinon	n/a	=	95	%	EPA 525.2m	-88	-88	43	152	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Diazinon	n/a	=	0.0485	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Diazinon	n/a	=	97	%	EPA 525.2m	-88	-88	43	152	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Diazinon	n/a	=	4.76	µg/L	EPA 525.2	0.096	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Diazinon	n/a	=	95	%	EPA 525.2	-88	-88	30	120	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Diazinon	n/a	=	5.69	µg/L	EPA 525.2	0.096	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Diazinon	n/a	=	114	%	EPA 525.2	-88	-88	30	120	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Diazinon	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Diazinon	n/a	=	5.86	µg/L	EPA 525.2	0.096	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Diazinon	n/a	=	117	%	EPA 525.2	-88	-88	30	120	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Diazinon	n/a	=	5.91	µg/L	EPA 525.2	0.096	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Diazinon	n/a	=	118	%	EPA 525.2	-88	-88	30	120	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Diazinon	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Diazinon	n/a	=	4.76	µg/L	EPA 525.2	0.096	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Diazinon	n/a	=	95	%	EPA 525.2	-88	-88	30	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Diazinon	n/a	=	5.96	µg/L	EPA 525.2	0.096	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Diazinon	n/a	=	119	%	EPA 525.2	-88	-88	30	120	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	Dicamba	n/a	=	7.72	µg/L	EPA 515.3	0.12	0.6			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	Dicamba	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	Dicamba	n/a	=	7.32	µg/L	EPA 515.3	0.12	0.6			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	Dicamba	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	Dicamba	n/a	=	7.39	µg/L	EPA 515.3	0.12	0.6			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	Dicamba	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	Dicamba	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	Dicamba	n/a	=	7.58	µg/L	EPA 515.3	0.12	0.6			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	Dicamba	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	Dicamba	n/a	=	7.74	µg/L	EPA 515.3	0.12	0.6			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	Dichlorprop	n/a	=	8.07	µg/L	EPA 515.3	0.08	0.3			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	Dichlorprop	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	Dichlorprop	n/a	=	7.74	µg/L	EPA 515.3	0.08	0.3			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	Dichlorprop	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	Dichlorprop	n/a	=	7.65	µg/L	EPA 515.3	0.08	0.3			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	Dichlorprop	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	Dichlorprop	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	Dichlorprop	n/a	=	7.7	µg/L	EPA 515.3	0.08	0.3			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	Dichlorprop	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	Dichlorprop	n/a	=	7.83	µg/L	EPA 515.3	0.08	0.3			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Dichlorvos	n/a	=	0.0354	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Dichlorvos	n/a	=	71	%	EPA 525.2m	-88	-88	46	133	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Dichlorvos	n/a	=	0.0327	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Dichlorvos	n/a	=	65	%	EPA 525.2m	-88	-88	46	133	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Dichlorvos	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	Dieldrin	n/a	=	0.105	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	Dieldrin	n/a	=	105	%	EPA 608	-88	-88	48	123	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	Dieldrin	n/a	=	0.102	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	Dieldrin	n/a	=	102	%	EPA 608	-88	-88	48	123	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	Dieldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	Dieldrin	n/a	=	0.112	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	Dieldrin	n/a	=	112	%	EPA 608	-88	-88	48	123	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	Dieldrin	n/a	=	0.115	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	Dieldrin	n/a	=	115	%	EPA 608	-88	-88	48	123	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	Dieldrin	n/a	=	2	%	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	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Dieldrin	n/a	=	0.0908	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Dieldrin	n/a	=	91	%	EPA 608	-88	-88	48	123	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Dieldrin	n/a	=	0.0845	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Dieldrin	n/a	=	85	%	EPA 608	-88	-88	48	123	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Dieldrin	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Dieldrin	n/a	=	0.0863	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Dieldrin	n/a	=	86	%	EPA 608	-88	-88	48	123	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Dieldrin	n/a	=	0.0914	µg/L	EPA 608	0.0021	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Dieldrin	n/a	=	91	%	EPA 608	-88	-88	48	123	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Dieldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Dimethoate	n/a	=	3.92	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Dimethoate	n/a	=	78	%	EPA 525.2	-88	-88	40	132	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Dimethoate	n/a	=	3.78	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Dimethoate	n/a	=	76	%	EPA 525.2	-88	-88	40	132	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Dimethoate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Dimethoate	n/a	=	0.051	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Dimethoate	n/a	=	102	%	EPA 525.2m	-88	-88	10	234	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Dimethoate	n/a	=	0.0573	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Dimethoate	n/a	=	115	%	EPA 525.2m	-88	-88	10	234	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Dimethoate	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Dimethoate	n/a	=	3.28	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Dimethoate	n/a	=	66	%	EPA 525.2	-88	-88	38	102	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Dimethoate	n/a	=	3.09	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Dimethoate	n/a	=	62	%	EPA 525.2	-88	-88	38	102	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Dimethoate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Dimethoate	n/a	=	3.2	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Dimethoate	n/a	=	64	%	EPA 525.2	-88	-88	38	102	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Dimethoate	n/a	=	3.05	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Dimethoate	n/a	=	61	%	EPA 525.2	-88	-88	38	102	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Dimethoate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Dimethoate	n/a	=	3.69	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Dimethoate	n/a	=	74	%	EPA 525.2	-88	-88	38	102	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Dimethoate	n/a	=	3.53	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Dimethoate	n/a	=	71	%	EPA 525.2	-88	-88	38	102	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	Dinoseb	n/a	=	4.03	µg/L	EPA 515.3	0.14	0.4			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	Dinoseb	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	Dinoseb	n/a	=	4.48	µg/L	EPA 515.3	0.14	0.4			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	Dinoseb	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	Dinoseb	n/a	=	4.53	µg/L	EPA 515.3	0.14	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	
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	Dinoseb	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	Dinoseb	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	Dinoseb	n/a	=	3.11	µg/L	EPA 515.3	0.14	0.4			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	Dinoseb	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	Dinoseb	n/a	=	3.17	µg/L	EPA 515.3	0.14	0.4			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	Dinoseb	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Diphenamid	n/a	=	4.26	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Diphenamid	n/a	=	85	%	EPA 525.2	-88	-88	80	130	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Diphenamid	n/a	=	4.31	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Diphenamid	n/a	=	86	%	EPA 525.2	-88	-88	80	130	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Diphenamid	n/a	=	4.72	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Diphenamid	n/a	=	94	%	EPA 525.2	-88	-88	77	124	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Diphenamid	n/a	=	4.71	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Diphenamid	n/a	=	94	%	EPA 525.2	-88	-88	77	124	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Diphenamid	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Diphenamid	n/a	=	4.33	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Diphenamid	n/a	=	87	%	EPA 525.2	-88	-88	77	124	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Diphenamid	n/a	=	4.26	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Diphenamid	n/a	=	85	%	EPA 525.2	-88	-88	77	124	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Diphenamid	n/a	=	4.59	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Diphenamid	n/a	=	92	%	EPA 525.2	-88	-88	77	124	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Diphenamid	n/a	=	4.6	µg/L	EPA 525.2	0.024	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Diphenamid	n/a	=	92	%	EPA 525.2	-88	-88	77	124	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Disulfoton	n/a	=	11.3	µg/L	EPA 525.2	0.031	0.1			GB
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Disulfoton	n/a	=	226	%	EPA 525.2	-88	-88	24	164	GB
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Disulfoton	n/a	=	10.8	µg/L	EPA 525.2	0.031	0.1			GB
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Disulfoton	n/a	=	217	%	EPA 525.2	-88	-88	24	164	GB
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Disulfoton	n/a	=	4	%	EPA 525.2	-88	-88	0	30	GB
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Disulfoton	n/a	=	0.0502	µg/L	EPA 525.2m	0.01	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Disulfoton	n/a	=	100	%	EPA 525.2m	-88	-88	0.1	212	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Disulfoton	n/a	=	0.0336	µg/L	EPA 525.2m	0.01	0.01			IL
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Disulfoton	n/a	=	67	%	EPA 525.2m	-88	-88	0.1	212	IL
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Disulfoton	n/a	=	39	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Disulfoton	n/a	=	2.27	µg/L	EPA 525.2	0.031	0.1			EUM
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Disulfoton	n/a	=	45	%	EPA 525.2	-88	-88	54	156	EUM
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Disulfoton	n/a	=	2.24	µg/L	EPA 525.2	0.031	0.1			EUM
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Disulfoton	n/a	=	45	%	EPA 525.2	-88	-88	54	156	EUM
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Disulfoton	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Disulfoton	n/a	=	3.14	µg/L	EPA 525.2	0.031	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Disulfoton	n/a	=	63	%	EPA 525.2	-88	-88	54	156	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Disulfoton	n/a	=	3.17	µg/L	EPA 525.2	0.031	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Disulfoton	n/a	=	63	%	EPA 525.2	-88	-88	54	156	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Disulfoton	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Disulfoton	n/a	=	3.08	µg/L	EPA 525.2	0.031	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Disulfoton	n/a	=	62	%	EPA 525.2	-88	-88	54	156	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Disulfoton	n/a	=	4.55	µg/L	EPA 525.2	0.031	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Disulfoton	n/a	=	91	%	EPA 525.2	-88	-88	54	156	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	Endosulfan I	n/a	=	0.0899	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	Endosulfan I	n/a	=	90	%	EPA 608	-88	-88	14	131	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	Endosulfan I	n/a	=	0.0867	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	Endosulfan I	n/a	=	87	%	EPA 608	-88	-88	14	131	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	Endosulfan I	n/a	=	0.0954	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	Endosulfan I	n/a	=	95	%	EPA 608	-88	-88	14	131	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	Endosulfan I	n/a	=	0.098	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	Endosulfan I	n/a	=	98	%	EPA 608	-88	-88	14	131	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	Endosulfan I	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Endosulfan I	n/a	=	0.0781	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Endosulfan I	n/a	=	78	%	EPA 608	-88	-88	14	131	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Endosulfan I	n/a	=	0.0725	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Endosulfan I	n/a	=	73	%	EPA 608	-88	-88	14	131	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Endosulfan I	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Endosulfan I	n/a	=	0.0743	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Endosulfan I	n/a	=	74	%	EPA 608	-88	-88	14	131	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Endosulfan I	n/a	=	0.0787	µg/L	EPA 608	0.0017	0.02			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Endosulfan I	n/a	=	79	%	EPA 608	-88	-88	14	131	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Endosulfan I	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	Endosulfan II	n/a	=	0.0936	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	Endosulfan II	n/a	=	94	%	EPA 608	-88	-88	40	121	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	Endosulfan II	n/a	=	0.0908	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	Endosulfan II	n/a	=	91	%	EPA 608	-88	-88	40	121	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	Endosulfan II	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	Endosulfan II	n/a	=	0.0995	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	Endosulfan II	n/a	=	99	%	EPA 608	-88	-88	40	121	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	Endosulfan II	n/a	=	0.1	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	Endosulfan II	n/a	=	100	%	EPA 608	-88	-88	40	121	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	Endosulfan II	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Endosulfan II	n/a	=	0.0816	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Endosulfan II	n/a	=	82	%	EPA 608	-88	-88	40	121	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Endosulfan II	n/a	=	0.0767	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Endosulfan II	n/a	=	77	%	EPA 608	-88	-88	40	121	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Endosulfan II	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Endosulfan II	n/a	=	0.0774	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Endosulfan II	n/a	=	77	%	EPA 608	-88	-88	40	121	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Endosulfan II	n/a	=	0.084	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Endosulfan II	n/a	=	84	%	EPA 608	-88	-88	40	121	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Endosulfan II	n/a	=	8	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	Endosulfan sulfate	n/a	=	0.108	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	Endosulfan sulfate	n/a	=	108	%	EPA 608	-88	-88	44	140	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	Endosulfan sulfate	n/a	=	0.103	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	Endosulfan sulfate	n/a	=	103	%	EPA 608	-88	-88	44	140	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	Endosulfan sulfate	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	Endosulfan sulfate	n/a	=	0.113	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	Endosulfan sulfate	n/a	=	113	%	EPA 608	-88	-88	44	140	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	Endosulfan sulfate	n/a	=	0.113	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	Endosulfan sulfate	n/a	=	113	%	EPA 608	-88	-88	44	140	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	Endosulfan sulfate	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Endosulfan sulfate	n/a	=	0.109	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Endosulfan sulfate	n/a	=	109	%	EPA 608	-88	-88	44	140	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Endosulfan sulfate	n/a	=	0.103	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Endosulfan sulfate	n/a	=	103	%	EPA 608	-88	-88	44	140	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Endosulfan sulfate	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Endosulfan sulfate	n/a	=	0.109	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Endosulfan sulfate	n/a	=	109	%	EPA 608	-88	-88	44	140	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Endosulfan sulfate	n/a	=	0.109	µg/L	EPA 608	0.008	0.05			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Endosulfan sulfate	n/a	=	109	%	EPA 608	-88	-88	44	140	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Endosulfan sulfate	n/a	=	0.05	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	Endrin	n/a	=	0.107	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	Endrin	n/a	=	107	%	EPA 608	-88	-88	40	143	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	Endrin	n/a	=	0.103	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	Endrin	n/a	=	103	%	EPA 608	-88	-88	40	143	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	Endrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	Endrin	n/a	=	0.114	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	Endrin	n/a	=	114	%	EPA 608	-88	-88	40	143	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	Endrin	n/a	=	0.117	µg/L	EPA 608	0.0028	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	Endrin	n/a	=	117	%	EPA 608	-88	-88	40	143	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	Endrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Endrin	n/a	=	0.0924	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Endrin	n/a	=	92	%	EPA 608	-88	-88	40	143	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Endrin	n/a	=	0.0846	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Endrin	n/a	=	85	%	EPA 608	-88	-88	40	143	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Endrin	n/a	=	9	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Endrin	n/a	=	0.0875	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Endrin	n/a	=	88	%	EPA 608	-88	-88	40	143	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Endrin	n/a	=	0.0938	µg/L	EPA 608	0.0028	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Endrin	n/a	=	94	%	EPA 608	-88	-88	40	143	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Endrin	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	Endrin aldehyde	n/a	=	0.116	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	Endrin aldehyde	n/a	=	116	%	EPA 608	-88	-88	18	136	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	Endrin aldehyde	n/a	=	0.107	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	Endrin aldehyde	n/a	=	107	%	EPA 608	-88	-88	18	136	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	Endrin aldehyde	n/a	=	8	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	Endrin aldehyde	n/a	=	0.121	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	Endrin aldehyde	n/a	=	121	%	EPA 608	-88	-88	18	136	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	Endrin aldehyde	n/a	=	0.121	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	Endrin aldehyde	n/a	=	121	%	EPA 608	-88	-88	18	136	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	Endrin aldehyde	n/a	=	0.02	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Endrin aldehyde	n/a	=	0.0874	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Endrin aldehyde	n/a	=	87	%	EPA 608	-88	-88	18	136	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Endrin aldehyde	n/a	=	0.0797	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Endrin aldehyde	n/a	=	80	%	EPA 608	-88	-88	18	136	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Endrin aldehyde	n/a	=	9	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Endrin aldehyde	n/a	=	0.0821	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Endrin aldehyde	n/a	=	82	%	EPA 608	-88	-88	18	136	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Endrin aldehyde	n/a	=	0.0937	µg/L	EPA 608	0.003	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Endrin aldehyde	n/a	=	94	%	EPA 608	-88	-88	18	136	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Endrin aldehyde	n/a	=	13	%	EPA 608	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	EPTC	n/a	=	4.7	µg/L	EPA 525.2	0.017	1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	EPTC	n/a	=	94	%	EPA 525.2	-88	-88	75	126	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	EPTC	n/a	=	4.41	µg/L	EPA 525.2	0.017	1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	EPTC	n/a	=	88	%	EPA 525.2	-88	-88	75	126	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	EPTC	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	EPTC	n/a	=	4.66	µg/L	EPA 525.2	0.017	1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	EPTC	n/a	=	93	%	EPA 525.2	-88	-88	82	116	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	EPTC	n/a	=	4.71	µg/L	EPA 525.2	0.017	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	
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	EPTC	n/a	=	94	%	EPA 525.2	-88	-88	82	116	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	EPTC	n/a	=	4.56	µg/L	EPA 525.2	0.017	1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	EPTC	n/a	=	91	%	EPA 525.2	-88	-88	82	116	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	EPTC	n/a	=	4.6	µg/L	EPA 525.2	0.017	1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	EPTC	n/a	=	92	%	EPA 525.2	-88	-88	82	116	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	EPTC	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	EPTC	n/a	=	4.15	µg/L	EPA 525.2	0.017	1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	EPTC	n/a	=	83	%	EPA 525.2	-88	-88	82	116	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	EPTC	n/a	=	4.2	µg/L	EPA 525.2	0.017	1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	EPTC	n/a	=	84	%	EPA 525.2	-88	-88	82	116	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Ethoprop	n/a	=	0.0508	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Ethoprop	n/a	=	102	%	EPA 525.2m	-88	-88	53	163	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Ethoprop	n/a	=	0.0506	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Ethoprop	n/a	=	101	%	EPA 525.2m	-88	-88	53	163	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Ethoprop	n/a	=	0.3	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Ethyl parathion	n/a	=	0.0459	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Ethyl parathion	n/a	=	92	%	EPA 525.2m	-88	-88	7	230	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Ethyl parathion	n/a	=	0.0533	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Ethyl parathion	n/a	=	107	%	EPA 525.2m	-88	-88	7	230	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Ethyl parathion	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Fensulfothion	n/a	=	0.0446	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Fensulfothion	n/a	=	89	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Fensulfothion	n/a	=	0.0264	µg/L	EPA 525.2m	0.0029	0.01			IL
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Fensulfothion	n/a	=	53	%	EPA 525.2m	-88	-88	0.1	265	IL
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Fensulfothion	n/a	=	51	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Fenthion	n/a	=	0.0659	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Fenthion	n/a	=	132	%	EPA 525.2m	-88	-88	20	177	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Fenthion	n/a	=	0.0567	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Fenthion	n/a	=	113	%	EPA 525.2m	-88	-88	20	177	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Fenthion	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.108	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	108	%	EPA 608	-88	-88	49	117	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.103	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	103	%	EPA 608	-88	-88	49	117	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.114	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	114	%	EPA 608	-88	-88	49	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	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.117	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	117	%	EPA 608	-88	-88	49	117	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0897	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	90	%	EPA 608	-88	-88	49	117	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0821	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	82	%	EPA 608	-88	-88	49	117	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	9	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0856	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608	-88	-88	49	117	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0899	µg/L	EPA 608	0.0021	0.02			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	90	%	EPA 608	-88	-88	49	117	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-2	000NONPJ	matrix spike	1/12/2016	Pesticide	Glyphosate	n/a	=	34.8	µg/L	EPA 547	1.8	5			
2015/16-2	000NONPJ	matrix spike, rec	1/12/2016	Pesticide	Glyphosate	n/a	=	120	%	EPA 547	-88	-88	41	149	
2015/16-2	000NONPJ	matrix spike dup	1/12/2016	Pesticide	Glyphosate	n/a	=	32	µg/L	EPA 547	1.8	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/12/2016	Pesticide	Glyphosate	n/a	=	109	%	EPA 547	-88	-88	41	149	
2015/16-2	000NONPJ	matrix spike, RPD	1/12/2016	Pesticide	Glyphosate	n/a	=	9	%	EPA 547	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/12/2016	Pesticide	Glyphosate	n/a	=	27.7	µg/L	EPA 547	1.8	5			
2015/16-2	000NONPJ	matrix spike, rec	1/12/2016	Pesticide	Glyphosate	n/a	=	111	%	EPA 547	-88	-88	41	149	
2015/16-2	000NONPJ	matrix spike dup	1/12/2016	Pesticide	Glyphosate	n/a	=	28.2	µg/L	EPA 547	1.8	5			
2015/16-2	000NONPJ	matrix spike dup, rec	1/12/2016	Pesticide	Glyphosate	n/a	=	113	%	EPA 547	-88	-88	41	149	
2015/16-2	000NONPJ	matrix spike, RPD	1/12/2016	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2015/16-2	Lab	method blank	1/10/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2015/16-2	Lab	LCS	1/10/2016	Pesticide	Glyphosate	n/a	=	30.3	µg/L	EPA 547	1.8	5			
2015/16-2	Lab	LCS, rec	1/10/2016	Pesticide	Glyphosate	n/a	=	121	%	EPA 547	-88	-88	62	130	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Glyphosate	n/a	=	29.4	µg/L	EPA 547	1.8	5			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Glyphosate	n/a	=	118	%	EPA 547	-88	-88	62	130	
2015/16-2	MO-MEI	matrix spike	1/10/2016	Pesticide	Glyphosate	n/a	=	36.2	µg/L	EPA 547	1.8	5			
2015/16-2	MO-MEI	matrix spike, rec	1/10/2016	Pesticide	Glyphosate	n/a	=	103	%	EPA 547	-88	-88	41	149	
2015/16-2	MO-MEI	matrix spike dup	1/10/2016	Pesticide	Glyphosate	n/a	=	38.3	µg/L	EPA 547	1.8	5			
2015/16-2	MO-MEI	matrix spike dup, rec	1/10/2016	Pesticide	Glyphosate	n/a	=	111	%	EPA 547	-88	-88	41	149	
2015/16-2	MO-MEI	matrix spike, RPD	1/10/2016	Pesticide	Glyphosate	n/a	=	6	%	EPA 547	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	Heptachlor	n/a	=	0.104	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	Heptachlor	n/a	=	104	%	EPA 608	-88	-88	31	130	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	Heptachlor	n/a	=	0.102	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	Heptachlor	n/a	=	102	%	EPA 608	-88	-88	31	130	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	Heptachlor	n/a	=	2	%	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	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	Heptachlor	n/a	=	0.111	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	Heptachlor	n/a	=	111	%	EPA 608	-88	-88	31	130	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	Heptachlor	n/a	=	0.113	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	Heptachlor	n/a	=	113	%	EPA 608	-88	-88	31	130	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	Heptachlor	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Heptachlor	n/a	=	0.089	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Heptachlor	n/a	=	89	%	EPA 608	-88	-88	31	130	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Heptachlor	n/a	=	0.0818	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Heptachlor	n/a	=	82	%	EPA 608	-88	-88	31	130	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Heptachlor	n/a	=	8	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Heptachlor	n/a	=	0.0833	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Heptachlor	n/a	=	83	%	EPA 608	-88	-88	31	130	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Heptachlor	n/a	=	0.0928	µg/L	EPA 608	0.0017	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Heptachlor	n/a	=	93	%	EPA 608	-88	-88	31	130	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Heptachlor	n/a	=	11	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS	1/18/2016	Pesticide	Heptachlor epoxide	n/a	=	0.103	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS, rec	1/18/2016	Pesticide	Heptachlor epoxide	n/a	=	103	%	EPA 608	-88	-88	49	122	
2015/16-2	Lab	LCS dup	1/18/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0995	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS dup, rec	1/18/2016	Pesticide	Heptachlor epoxide	n/a	=	99	%	EPA 608	-88	-88	49	122	
2015/16-2	Lab	LCS, RPD	1/18/2016	Pesticide	Heptachlor epoxide	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/19/2016	Pesticide	Heptachlor epoxide	n/a	=	0.109	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	Heptachlor epoxide	n/a	=	109	%	EPA 608	-88	-88	49	122	
2015/16-2	Lab	LCS dup	1/19/2016	Pesticide	Heptachlor epoxide	n/a	=	0.112	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS dup, rec	1/19/2016	Pesticide	Heptachlor epoxide	n/a	=	112	%	EPA 608	-88	-88	49	122	
2015/16-2	Lab	LCS, RPD	1/19/2016	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0876	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Heptachlor epoxide	n/a	=	88	%	EPA 608	-88	-88	49	122	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0815	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Heptachlor epoxide	n/a	=	82	%	EPA 608	-88	-88	49	122	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Heptachlor epoxide	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	LCS	1/21/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0833	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS, rec	1/21/2016	Pesticide	Heptachlor epoxide	n/a	=	83	%	EPA 608	-88	-88	49	122	
2015/16-2	Lab	LCS dup	1/21/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0877	µg/L	EPA 608	0.0019	0.01			
2015/16-2	Lab	LCS dup, rec	1/21/2016	Pesticide	Heptachlor epoxide	n/a	=	88	%	EPA 608	-88	-88	49	122	
2015/16-2	Lab	LCS, RPD	1/21/2016	Pesticide	Heptachlor epoxide	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Malathion	n/a	=	0.056	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Malathion	n/a	=	112	%	EPA 525.2m	-88	-88	14	175	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Malathion	n/a	=	0.0669	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Malathion	n/a	=	134	%	EPA 525.2m	-88	-88	14	175	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Malathion	n/a	=	18	%	EPA 525.2m	-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	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Merphos	n/a	=	0.0366	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Merphos	n/a	=	73	%	EPA 525.2m	-88	-88	28	181	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Merphos	n/a	=	0.0214	µg/L	EPA 525.2m	0.0058	0.01			IL
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Merphos	n/a	=	43	%	EPA 525.2m	-88	-88	28	181	IL
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Merphos	n/a	=	52	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Methyl parathion	n/a	=	0.0472	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Methyl parathion	n/a	=	94	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Methyl parathion	n/a	=	0.0531	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Methyl parathion	n/a	=	106	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Methyl parathion	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Metolachlor	n/a	=	5.48	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Metolachlor	n/a	=	110	%	EPA 525.2	-88	-88	60	137	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Metolachlor	n/a	=	4.75	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Metolachlor	n/a	=	95	%	EPA 525.2	-88	-88	60	137	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Metolachlor	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Metolachlor	n/a	=	4.85	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Metolachlor	n/a	=	97	%	EPA 525.2	-88	-88	61	123	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Metolachlor	n/a	=	6.01	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Metolachlor	n/a	=	120	%	EPA 525.2	-88	-88	61	123	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Metolachlor	n/a	=	21	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Metolachlor	n/a	=	5.42	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Metolachlor	n/a	=	108	%	EPA 525.2	-88	-88	61	123	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Metolachlor	n/a	=	5.52	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Metolachlor	n/a	=	110	%	EPA 525.2	-88	-88	61	123	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Metolachlor	n/a	=	3.96	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Metolachlor	n/a	=	79	%	EPA 525.2	-88	-88	61	123	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Metolachlor	n/a	=	4.56	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Metolachlor	n/a	=	91	%	EPA 525.2	-88	-88	61	123	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Metribuzin	n/a	=	5.35	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Metribuzin	n/a	=	107	%	EPA 525.2	-88	-88	47	125	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Metribuzin	n/a	=	4.86	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Metribuzin	n/a	=	97	%	EPA 525.2	-88	-88	47	125	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Metribuzin	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Metribuzin	n/a	=	4.72	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Metribuzin	n/a	=	94	%	EPA 525.2	-88	-88	50	121	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Metribuzin	n/a	=	5.5	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Metribuzin	n/a	=	110	%	EPA 525.2	-88	-88	50	121	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Metribuzin	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Metribuzin	n/a	=	5.25	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Metribuzin	n/a	=	105	%	EPA 525.2	-88	-88	50	121	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Metribuzin	n/a	=	5.07	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Metribuzin	n/a	=	101	%	EPA 525.2	-88	-88	50	121	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Metribuzin	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Metribuzin	n/a	=	3.77	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Metribuzin	n/a	=	75	%	EPA 525.2	-88	-88	50	121	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Metribuzin	n/a	=	4.02	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Metribuzin	n/a	=	80	%	EPA 525.2	-88	-88	50	121	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Mevinphos	n/a	=	0.0431	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Mevinphos	n/a	=	86	%	EPA 525.2m	-88	-88	14	202	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Mevinphos	n/a	=	0.0365	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Mevinphos	n/a	=	73	%	EPA 525.2m	-88	-88	14	202	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Mevinphos	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Molinate	n/a	=	4.6	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Molinate	n/a	=	92	%	EPA 525.2	-88	-88	81	125	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Molinate	n/a	=	4.38	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Molinate	n/a	=	88	%	EPA 525.2	-88	-88	81	125	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Molinate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Molinate	n/a	=	4.57	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Molinate	n/a	=	91	%	EPA 525.2	-88	-88	82	117	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Molinate	n/a	=	4.56	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Molinate	n/a	=	91	%	EPA 525.2	-88	-88	82	117	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Molinate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Molinate	n/a	=	4.58	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Molinate	n/a	=	92	%	EPA 525.2	-88	-88	82	117	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Molinate	n/a	=	4.61	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Molinate	n/a	=	92	%	EPA 525.2	-88	-88	82	117	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Molinate	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Molinate	n/a	=	4.39	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Molinate	n/a	=	88	%	EPA 525.2	-88	-88	82	117	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Molinate	n/a	=	4.48	µg/L	EPA 525.2	0.039	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Molinate	n/a	=	90	%	EPA 525.2	-88	-88	82	117	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Naled	n/a	DNQ	0.0089	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Naled	n/a	=	18	%	EPA 525.2m	-88	-88	0.1	240	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Naled	n/a	=	0.0107	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Naled	n/a	=	21	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Naled	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	1/19/2016	Pesticide	Pentachlorophenol	n/a	=	16	µg/L	EPA 625	0.19	1			
2015/16-2	000NONPJ	matrix spike, rec	1/19/2016	Pesticide	Pentachlorophenol	n/a	=	64	%	EPA 625	-88	-88	14	176	
2015/16-2	000NONPJ	matrix spike dup	1/19/2016	Pesticide	Pentachlorophenol	n/a	=	18.4	µg/L	EPA 625	0.19	1			
2015/16-2	000NONPJ	matrix spike dup, rec	1/19/2016	Pesticide	Pentachlorophenol	n/a	=	73	%	EPA 625	-88	-88	14	176	
2015/16-2	000NONPJ	matrix spike, RPD	1/19/2016	Pesticide	Pentachlorophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	3.88	µg/L	EPA 515.3	0.04	0.2			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-2	Lab	method blank	1/19/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS	1/19/2016	Pesticide	Pentachlorophenol	n/a	=	18.3	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS, rec	1/19/2016	Pesticide	Pentachlorophenol	n/a	=	73	%	EPA 625	-88	-88	14	176	
2015/16-2	Lab	method blank	1/28/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS	1/28/2016	Pesticide	Pentachlorophenol	n/a	=	20.8	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS, rec	1/28/2016	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 625	-88	-88	14	176	
2015/16-2	Lab	LCS dup	1/28/2016	Pesticide	Pentachlorophenol	n/a	=	22.2	µg/L	EPA 625	0.19	1			
2015/16-2	Lab	LCS dup, rec	1/28/2016	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 625	-88	-88	14	176	
2015/16-2	Lab	LCS, RPD	1/28/2016	Pesticide	Pentachlorophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-2	Lab	method blank	2/18/2016	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2015/16-2	Lab	LCS	2/19/2016	Pesticide	Pentachlorophenol	n/a	=	7.05	µg/L	EPA 8270C	0.15	1			
2015/16-2	Lab	LCS, rec	2/19/2016	Pesticide	Pentachlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	29	106	
2015/16-2	Lab	LCS dup	2/19/2016	Pesticide	Pentachlorophenol	n/a	=	5.66	µg/L	EPA 8270C	0.15	1			
2015/16-2	Lab	LCS dup, rec	2/19/2016	Pesticide	Pentachlorophenol	n/a	=	57	%	EPA 8270C	-88	-88	29	106	
2015/16-2	Lab	LCS, RPD	2/19/2016	Pesticide	Pentachlorophenol	n/a	=	22	%	EPA 8270C	-88	-88	0	30	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	3.31	µg/L	EPA 515.3	0.04	0.2			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	3.33	µg/L	EPA 515.3	0.04	0.2			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	3.34	µg/L	EPA 515.3	0.04	0.2			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	3.38	µg/L	EPA 515.3	0.04	0.2			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Phorate	n/a	=	0.0498	µg/L	EPA 525.2m	0.003	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Phorate	n/a	=	100	%	EPA 525.2m	-88	-88	26	180	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Phorate	n/a	=	0.0478	µg/L	EPA 525.2m	0.003	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Phorate	n/a	=	96	%	EPA 525.2m	-88	-88	26	180	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Phorate	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	Lab	method blank	1/11/2016	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2015/16-2	Lab	LCS	1/11/2016	Pesticide	Picloram	n/a	=	3.8	µg/L	EPA 515.3	0.05	0.6			
2015/16-2	Lab	LCS, rec	1/11/2016	Pesticide	Picloram	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike	1/11/2016	Pesticide	Picloram	n/a	=	3.62	µg/L	EPA 515.3	0.05	0.6			
2015/16-2	ME-VR2	matrix spike, rec	1/11/2016	Pesticide	Picloram	n/a	=	90	%	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	
2015/16-2	ME-VR2	matrix spike dup	1/11/2016	Pesticide	Picloram	n/a	=	3.54	µg/L	EPA 515.3	0.05	0.6			
2015/16-2	ME-VR2	matrix spike dup, rec	1/11/2016	Pesticide	Picloram	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2015/16-2	ME-VR2	matrix spike, RPD	1/11/2016	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-2	MO-CAM	matrix spike	1/11/2016	Pesticide	Picloram	n/a	=	3.7	µg/L	EPA 515.3	0.05	0.6			
2015/16-2	MO-CAM	matrix spike, rec	1/11/2016	Pesticide	Picloram	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike dup	1/11/2016	Pesticide	Picloram	n/a	=	3.78	µg/L	EPA 515.3	0.05	0.6			
2015/16-2	MO-CAM	matrix spike dup, rec	1/11/2016	Pesticide	Picloram	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-2	MO-CAM	matrix spike, RPD	1/11/2016	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Prometon	n/a	=	4.37	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Prometon	n/a	=	87	%	EPA 525.2	-88	-88	28	112	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Prometon	n/a	=	3.52	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Prometon	n/a	=	70	%	EPA 525.2	-88	-88	28	112	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Prometon	n/a	=	22	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Prometon	n/a	=	4.18	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Prometon	n/a	=	84	%	EPA 525.2	-88	-88	17	101	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Prometon	n/a	=	5.01	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Prometon	n/a	=	100	%	EPA 525.2	-88	-88	17	101	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Prometon	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Prometon	n/a	=	4.34	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Prometon	n/a	=	87	%	EPA 525.2	-88	-88	17	101	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Prometon	n/a	=	4.36	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Prometon	n/a	=	87	%	EPA 525.2	-88	-88	17	101	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Prometon	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Prometon	n/a	=	1.65	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Prometon	n/a	=	33	%	EPA 525.2	-88	-88	17	101	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Prometon	n/a	=	1.93	µg/L	EPA 525.2	0.024	0.2			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Prometon	n/a	=	39	%	EPA 525.2	-88	-88	17	101	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Prometryn	n/a	=	4.33	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Prometryn	n/a	=	87	%	EPA 525.2	-88	-88	61	127	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Prometryn	n/a	=	3.81	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Prometryn	n/a	=	76	%	EPA 525.2	-88	-88	61	127	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Prometryn	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Prometryn	n/a	=	4.38	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Prometryn	n/a	=	88	%	EPA 525.2	-88	-88	57	122	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Prometryn	n/a	=	4.74	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Prometryn	n/a	=	95	%	EPA 525.2	-88	-88	57	122	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Prometryn	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Prometryn	n/a	=	4.67	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Prometryn	n/a	=	93	%	EPA 525.2	-88	-88	57	122	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Prometryn	n/a	=	4.52	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Prometryn	n/a	=	90	%	EPA 525.2	-88	-88	57	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	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/6/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS	2/6/2016	Pesticide	Prometryn	n/a	=	3.86	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS, rec	2/6/2016	Pesticide	Prometryn	n/a	=	77	%	EPA 525.2	-88	-88	57	122	
2015/16-2	Lab	LCS dup	2/6/2016	Pesticide	Prometryn	n/a	=	3.21	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS dup, rec	2/6/2016	Pesticide	Prometryn	n/a	=	64	%	EPA 525.2	-88	-88	57	122	
2015/16-2	Lab	LCS, RPD	2/6/2016	Pesticide	Prometryn	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Prometryn	n/a	=	3.21	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Prometryn	n/a	=	64	%	EPA 525.2	-88	-88	57	122	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Prometryn	n/a	=	3.72	µg/L	EPA 525.2	0.036	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Prometryn	n/a	=	74	%	EPA 525.2	-88	-88	57	122	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0506	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	101	%	EPA 525.2m	-88	-88	34	154	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0557	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	111	%	EPA 525.2m	-88	-88	34	154	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Simazine	n/a	=	4.79	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Simazine	n/a	=	96	%	EPA 525.2	-88	-88	55	113	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Simazine	n/a	=	4.33	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	55	113	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Simazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Simazine	n/a	=	4.47	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Simazine	n/a	=	89	%	EPA 525.2	-88	-88	53	116	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Simazine	n/a	=	5.31	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Simazine	n/a	=	106	%	EPA 525.2	-88	-88	53	116	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Simazine	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Simazine	n/a	=	5.13	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Simazine	n/a	=	103	%	EPA 525.2	-88	-88	53	116	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Simazine	n/a	=	5.02	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Simazine	n/a	=	100	%	EPA 525.2	-88	-88	53	116	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Simazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Simazine	n/a	=	3.86	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Simazine	n/a	=	77	%	EPA 525.2	-88	-88	53	116	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Simazine	n/a	=	4.35	µg/L	EPA 525.2	0.015	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	53	116	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0556	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.06	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	120	%	EPA 525.2m	-88	-88	0.1	188	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Terbacil	n/a	=	5.66	µg/L	EPA 525.2	0.55	2			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	72	155	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Terbacil	n/a	=	5.59	µg/L	EPA 525.2	0.55	2			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Terbacil	n/a	=	112	%	EPA 525.2	-88	-88	72	155	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Terbacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Terbacil	n/a	=	5.18	µg/L	EPA 525.2	0.55	2			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Terbacil	n/a	=	104	%	EPA 525.2	-88	-88	70	135	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Terbacil	n/a	=	5.03	µg/L	EPA 525.2	0.55	2			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Terbacil	n/a	=	101	%	EPA 525.2	-88	-88	70	135	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Terbacil	n/a	=	4.86	µg/L	EPA 525.2	0.55	2			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Terbacil	n/a	=	97	%	EPA 525.2	-88	-88	70	135	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Terbacil	n/a	=	4.68	µg/L	EPA 525.2	0.55	2			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Terbacil	n/a	=	94	%	EPA 525.2	-88	-88	70	135	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Terbacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Terbacil	n/a	=	5.41	µg/L	EPA 525.2	0.55	2			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Terbacil	n/a	=	108	%	EPA 525.2	-88	-88	70	135	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Terbacil	n/a	=	5.16	µg/L	EPA 525.2	0.55	2			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Terbacil	n/a	=	103	%	EPA 525.2	-88	-88	70	135	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Thiobencarb	n/a	=	6.23	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Thiobencarb	n/a	=	125	%	EPA 525.2	-88	-88	45	145	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Thiobencarb	n/a	=	5.34	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Thiobencarb	n/a	=	107	%	EPA 525.2	-88	-88	45	145	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Thiobencarb	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Thiobencarb	n/a	=	4.72	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Thiobencarb	n/a	=	94	%	EPA 525.2	-88	-88	56	125	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Thiobencarb	n/a	=	5.66	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Thiobencarb	n/a	=	113	%	EPA 525.2	-88	-88	56	125	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Thiobencarb	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Thiobencarb	n/a	=	5.22	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Thiobencarb	n/a	=	104	%	EPA 525.2	-88	-88	56	125	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Thiobencarb	n/a	=	5.22	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Thiobencarb	n/a	=	104	%	EPA 525.2	-88	-88	56	125	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Thiobencarb	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Thiobencarb	n/a	=	4.49	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Thiobencarb	n/a	=	90	%	EPA 525.2	-88	-88	56	125	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Thiobencarb	n/a	=	4.94	µg/L	EPA 525.2	0.025	0.2			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Thiobencarb	n/a	=	99	%	EPA 525.2	-88	-88	56	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	
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Tokuthion	n/a	=	0.0386	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Tokuthion	n/a	=	77	%	EPA 525.2m	-88	-88	23	159	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Tokuthion	n/a	=	0.0204	µg/L	EPA 525.2m	0.0078	0.01			IL
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Tokuthion	n/a	=	41	%	EPA 525.2m	-88	-88	23	159	IL
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Tokuthion	n/a	=	62	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-2	Lab	method blank	1/18/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-2	Lab	method blank	1/21/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-2	Lab	method blank	1/12/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-2	Lab	LCS	1/12/2016	Pesticide	Trichloronate	n/a	=	0.0481	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-2	Lab	LCS, rec	1/12/2016	Pesticide	Trichloronate	n/a	=	96	%	EPA 525.2m	-88	-88	34	153	
2015/16-2	Lab	LCS dup	1/12/2016	Pesticide	Trichloronate	n/a	=	0.0521	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-2	Lab	LCS dup, rec	1/12/2016	Pesticide	Trichloronate	n/a	=	104	%	EPA 525.2m	-88	-88	34	153	
2015/16-2	Lab	LCS, RPD	1/12/2016	Pesticide	Trichloronate	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2015/16-2	000NONPJ	matrix spike	2/26/2016	Pesticide	Trithion	n/a	=	5.96	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	000NONPJ	matrix spike, rec	2/26/2016	Pesticide	Trithion	n/a	=	119	%	EPA 525.2	-88	-88	61	139	
2015/16-2	000NONPJ	matrix spike dup	2/26/2016	Pesticide	Trithion	n/a	=	5.37	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	000NONPJ	matrix spike dup, rec	2/26/2016	Pesticide	Trithion	n/a	=	107	%	EPA 525.2	-88	-88	61	139	
2015/16-2	000NONPJ	matrix spike, RPD	2/26/2016	Pesticide	Trithion	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/3/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS	2/3/2016	Pesticide	Trithion	n/a	=	3.95	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS, rec	2/3/2016	Pesticide	Trithion	n/a	=	79	%	EPA 525.2	-88	-88	60	124	
2015/16-2	Lab	LCS dup	2/3/2016	Pesticide	Trithion	n/a	=	3.18	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS dup, rec	2/3/2016	Pesticide	Trithion	n/a	=	64	%	EPA 525.2	-88	-88	60	124	
2015/16-2	Lab	LCS, RPD	2/3/2016	Pesticide	Trithion	n/a	=	22	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/4/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS	2/4/2016	Pesticide	Trithion	n/a	=	4.02	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS, rec	2/4/2016	Pesticide	Trithion	n/a	=	80	%	EPA 525.2	-88	-88	60	124	
2015/16-2	Lab	LCS dup	2/4/2016	Pesticide	Trithion	n/a	=	3.84	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS dup, rec	2/4/2016	Pesticide	Trithion	n/a	=	77	%	EPA 525.2	-88	-88	60	124	
2015/16-2	Lab	LCS, RPD	2/4/2016	Pesticide	Trithion	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-2	Lab	method blank	2/26/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS	2/26/2016	Pesticide	Trithion	n/a	=	4.06	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS, rec	2/26/2016	Pesticide	Trithion	n/a	=	81	%	EPA 525.2	-88	-88	60	124	
2015/16-2	Lab	method blank	3/2/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS	3/2/2016	Pesticide	Trithion	n/a	=	4.39	µg/L	EPA 525.2	0.012	0.1			
2015/16-2	Lab	LCS, rec	3/2/2016	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	60	124	
2015/16-3	000NONPJ	matrix spike	2/4/2016	Anion	Chloride	n/a	=	140	mg/L	EPA 300.0	2.5	12			
2015/16-3	000NONPJ	matrix spike, rec	2/4/2016	Anion	Chloride	n/a	=	89	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike dup	2/4/2016	Anion	Chloride	n/a	=	142	mg/L	EPA 300.0	2.5	12			
2015/16-3	000NONPJ	matrix spike dup, rec	2/4/2016	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike, RPD	2/4/2016	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/4/2016	Anion	Chloride	n/a	=	178	mg/L	EPA 300.0	2.5	12			
2015/16-3	000NONPJ	matrix spike, rec	2/4/2016	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike dup	2/4/2016	Anion	Chloride	n/a	=	174	mg/L	EPA 300.0	2.5	12			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	000NONPJ	matrix spike dup, rec	2/4/2016	Anion	Chloride	n/a	=	87	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike, RPD	2/4/2016	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Anion	Chloride	n/a	=	62.5	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Anion	Chloride	n/a	=	61.8	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Anion	Chloride	n/a	=	95.4	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Anion	Chloride	n/a	=	92.4	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Anion	Chloride	n/a	=	88	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Anion	Chloride	n/a	=	3	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/6/2016	Anion	Chloride	n/a	=	54	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike, rec	2/6/2016	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike dup	2/6/2016	Anion	Chloride	n/a	=	51.3	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/6/2016	Anion	Chloride	n/a	=	87	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike, RPD	2/6/2016	Anion	Chloride	n/a	=	5	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/6/2016	Anion	Chloride	n/a	=	52.5	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike, rec	2/6/2016	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike dup	2/6/2016	Anion	Chloride	n/a	=	52.3	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/6/2016	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	76	118	
2015/16-3	000NONPJ	matrix spike, RPD	2/6/2016	Anion	Chloride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2015/16-3	Lab	method blank	2/4/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS	2/4/2016	Anion	Chloride	n/a	=	3.8	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS, rec	2/4/2016	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	90	110	
2015/16-3	Lab	method blank	2/5/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS	2/5/2016	Anion	Chloride	n/a	=	3.75	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	90	110	
2015/16-3	Lab	method blank	2/6/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS	2/6/2016	Anion	Chloride	n/a	=	3.73	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS, rec	2/6/2016	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike	2/4/2016	Anion	Fluoride	n/a	=	48.3	mg/L	EPA 300.0	0.5	2.5			
2015/16-3	000NONPJ	matrix spike, rec	2/4/2016	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike dup	2/4/2016	Anion	Fluoride	n/a	=	49.1	mg/L	EPA 300.0	0.5	2.5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/4/2016	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike, RPD	2/4/2016	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/4/2016	Anion	Fluoride	n/a	=	48.7	mg/L	EPA 300.0	0.5	2.5			
2015/16-3	000NONPJ	matrix spike, rec	2/4/2016	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike dup	2/4/2016	Anion	Fluoride	n/a	=	47.9	mg/L	EPA 300.0	0.5	2.5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/4/2016	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike, RPD	2/4/2016	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.2	1			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.2	1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Anion	Fluoride	n/a	=	19.2	mg/L	EPA 300.0	0.2	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	
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Anion	Fluoride	n/a	=	18.9	mg/L	EPA 300.0	0.2	1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/6/2016	Anion	Fluoride	n/a	=	19.3	mg/L	EPA 300.0	0.2	1			
2015/16-3	000NONPJ	matrix spike, rec	2/6/2016	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike dup	2/6/2016	Anion	Fluoride	n/a	=	18.8	mg/L	EPA 300.0	0.2	1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/6/2016	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike, RPD	2/6/2016	Anion	Fluoride	n/a	=	3	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/6/2016	Anion	Fluoride	n/a	=	19.1	mg/L	EPA 300.0	0.2	1			
2015/16-3	000NONPJ	matrix spike, rec	2/6/2016	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike dup	2/6/2016	Anion	Fluoride	n/a	=	19.2	mg/L	EPA 300.0	0.2	1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/6/2016	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2015/16-3	000NONPJ	matrix spike, RPD	2/6/2016	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2015/16-3	Lab	method blank	2/4/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-3	Lab	LCS	2/4/2016	Anion	Fluoride	n/a	=	1.94	mg/L	EPA 300.0	0.02	0.1			
2015/16-3	Lab	LCS, rec	2/4/2016	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2015/16-3	Lab	method blank	2/5/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-3	Lab	LCS	2/5/2016	Anion	Fluoride	n/a	=	1.96	mg/L	EPA 300.0	0.02	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2015/16-3	Lab	method blank	2/6/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-3	Lab	LCS	2/6/2016	Anion	Fluoride	n/a	=	1.97	mg/L	EPA 300.0	0.02	0.1			
2015/16-3	Lab	LCS, rec	2/6/2016	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike	2/2/2016	Anion	Perchlorate	n/a	=	10.2	µg/L	EPA 314.0	0.95	2			
2015/16-3	000NONPJ	matrix spike, rec	2/2/2016	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	80	120	
2015/16-3	000NONPJ	matrix spike dup	2/2/2016	Anion	Perchlorate	n/a	=	9.78	µg/L	EPA 314.0	0.95	2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/2/2016	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	80	120	
2015/16-3	000NONPJ	matrix spike, RPD	2/2/2016	Anion	Perchlorate	n/a	=	4	%	EPA 314.0	-88	-88	0	15	
2015/16-3	000NONPJ	matrix spike	2/6/2016	Anion	Perchlorate	n/a	=	9.83	µg/L	EPA 314.0	0.95	2			
2015/16-3	000NONPJ	matrix spike, rec	2/6/2016	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	80	120	
2015/16-3	000NONPJ	matrix spike dup	2/6/2016	Anion	Perchlorate	n/a	=	9.31	µg/L	EPA 314.0	0.95	2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/6/2016	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	80	120	
2015/16-3	000NONPJ	matrix spike, RPD	2/6/2016	Anion	Perchlorate	n/a	=	5	%	EPA 314.0	-88	-88	0	15	
2015/16-3	Lab	method blank	2/2/2016	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2015/16-3	Lab	LCS	2/2/2016	Anion	Perchlorate	n/a	=	10.1	µg/L	EPA 314.0	0.95	2			
2015/16-3	Lab	LCS, rec	2/2/2016	Anion	Perchlorate	n/a	=	101	%	EPA 314.0	-88	-88	85	115	
2015/16-3	Lab	method blank	2/6/2016	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2015/16-3	Lab	LCS	2/6/2016	Anion	Perchlorate	n/a	=	10.2	µg/L	EPA 314.0	0.95	2			
2015/16-3	Lab	LCS, rec	2/6/2016	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	85	115	
2015/16-3	000NONPJ	matrix spike	2/4/2016	Anion	Sulfate	Total	=	705	mg/L	EPA 300.0	2.5	12			
2015/16-3	000NONPJ	matrix spike, rec	2/4/2016	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike dup	2/4/2016	Anion	Sulfate	Total	=	706	mg/L	EPA 300.0	2.5	12			
2015/16-3	000NONPJ	matrix spike dup, rec	2/4/2016	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike, RPD	2/4/2016	Anion	Sulfate	Total	=	0.09	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/4/2016	Anion	Sulfate	Total	=	446	mg/L	EPA 300.0	2.5	12			
2015/16-3	000NONPJ	matrix spike, rec	2/4/2016	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike dup	2/4/2016	Anion	Sulfate	Total	=	437	mg/L	EPA 300.0	2.5	12			



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	000NONPJ	matrix spike dup, rec	2/4/2016	Anion	Sulfate	Total	=	99	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike, RPD	2/4/2016	Anion	Sulfate	Total	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Anion	Sulfate	Total	=	135	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Anion	Sulfate	Total	=	101	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Anion	Sulfate	Total	=	135	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Anion	Sulfate	Total	=	101	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Anion	Sulfate	Total	=	0.07	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Anion	Sulfate	Total	=	193	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Anion	Sulfate	Total	=	109	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Anion	Sulfate	Total	=	185	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Anion	Sulfate	Total	=	98	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Anion	Sulfate	Total	=	5	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/6/2016	Anion	Sulfate	Total	=	88	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike, rec	2/6/2016	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike dup	2/6/2016	Anion	Sulfate	Total	=	84	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/6/2016	Anion	Sulfate	Total	=	100	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike, RPD	2/6/2016	Anion	Sulfate	Total	=	5	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/6/2016	Anion	Sulfate	Total	=	86.2	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike, rec	2/6/2016	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike dup	2/6/2016	Anion	Sulfate	Total	=	85.4	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/6/2016	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike, RPD	2/6/2016	Anion	Sulfate	Total	=	0.9	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/23/2016	Anion	Sulfate	Total	=	101	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike, rec	2/23/2016	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike dup	2/23/2016	Anion	Sulfate	Total	=	98.4	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/23/2016	Anion	Sulfate	Total	=	99	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike, RPD	2/23/2016	Anion	Sulfate	Total	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/23/2016	Anion	Sulfate	Total	=	169	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike, rec	2/23/2016	Anion	Sulfate	Total	=	106	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike dup	2/23/2016	Anion	Sulfate	Total	=	168	mg/L	EPA 300.0	1	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/23/2016	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	78	111	
2015/16-3	000NONPJ	matrix spike, RPD	2/23/2016	Anion	Sulfate	Total	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-3	Lab	method blank	2/4/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS	2/4/2016	Anion	Sulfate	Total	=	8.29	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS, rec	2/4/2016	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	90	110	
2015/16-3	Lab	method blank	2/5/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS	2/5/2016	Anion	Sulfate	Total	=	8.34	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Anion	Sulfate	Total	=	104	%	EPA 300.0	-88	-88	90	110	
2015/16-3	Lab	method blank	2/6/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS	2/6/2016	Anion	Sulfate	Total	=	8.36	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS, rec	2/6/2016	Anion	Sulfate	Total	=	105	%	EPA 300.0	-88	-88	90	110	
2015/16-3	Lab	method blank	2/23/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS	2/23/2016	Anion	Sulfate	Total	=	8.15	mg/L	EPA 300.0	0.1	0.5			
2015/16-3	Lab	LCS, rec	2/23/2016	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	90	110	
2015/16-3	MO-THO	field duplicate	2/1/2016	Bacteriological	E. Coli	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2015/16-3	MO-THO	field duplicate	2/3/2016	Bacteriological	Fecal Coliform	n/a	>	16000	MPN/100 mL	SM 9221 E	2	2	-88	-88	
2015/16-3	MO-THO	field duplicate	2/1/2016	Bacteriological	Total Coliform	n/a	=	78900	MPN/100 mL	MMO-MUG	1000	1000	-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	
2015/16-3	Lab	method blank	2/8/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2015/16-3	Lab	method blank	2/8/2016	Cation	Calcium	Total	DNQ	0.0225	mg/L	EPA 200.7	0.016	0.1			IP
2015/16-3	Lab	LCS	2/8/2016	Cation	Calcium	Total	=	50.7	mg/L	EPA 200.7	0.016	0.1			
2015/16-3	Lab	LCS, rec	2/8/2016	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2015/16-3	Lab	LCS	2/8/2016	Cation	Calcium	Total	=	50.6	mg/L	EPA 200.7	0.016	0.1			
2015/16-3	Lab	LCS, rec	2/8/2016	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2015/16-3	ME-CC	matrix spike	2/8/2016	Cation	Calcium	Total	=	100	mg/L	EPA 200.7	0.016	0.1			
2015/16-3	ME-CC	matrix spike, rec	2/8/2016	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-CC	matrix spike dup	2/8/2016	Cation	Calcium	Total	=	99.2	mg/L	EPA 200.7	0.016	0.1			
2015/16-3	ME-CC	matrix spike dup, rec	2/8/2016	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-CC	matrix spike, RPD	2/8/2016	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-3	ME-SCR	matrix spike	2/8/2016	Cation	Calcium	Total	=	254	mg/L	EPA 200.7	0.016	0.1			
2015/16-3	ME-SCR	matrix spike, rec	2/8/2016	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-SCR	matrix spike dup	2/8/2016	Cation	Calcium	Total	=	255	mg/L	EPA 200.7	0.016	0.1			
2015/16-3	ME-SCR	matrix spike dup, rec	2/8/2016	Cation	Calcium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-SCR	matrix spike, RPD	2/8/2016	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2015/16-3	MO-OXN	matrix spike	2/8/2016	Cation	Calcium	Total	=	63.2	mg/L	EPA 200.7	0.016	0.1			
2015/16-3	MO-OXN	matrix spike, rec	2/8/2016	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-3	MO-OXN	matrix spike dup	2/8/2016	Cation	Calcium	Total	=	63	mg/L	EPA 200.7	0.016	0.1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/8/2016	Cation	Calcium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-3	MO-OXN	matrix spike, RPD	2/8/2016	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2015/16-3	Lab	method blank	2/8/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-3	Lab	method blank	2/8/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-3	Lab	LCS	2/8/2016	Cation	Magnesium	Total	=	50.8	mg/L	EPA 200.7	0.012	0.1			
2015/16-3	Lab	LCS, rec	2/8/2016	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2015/16-3	Lab	LCS	2/8/2016	Cation	Magnesium	Total	=	50.1	mg/L	EPA 200.7	0.012	0.1			
2015/16-3	Lab	LCS, rec	2/8/2016	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2015/16-3	ME-CC	matrix spike	2/8/2016	Cation	Magnesium	Total	=	78.1	mg/L	EPA 200.7	0.012	0.1			
2015/16-3	ME-CC	matrix spike, rec	2/8/2016	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-CC	matrix spike dup	2/8/2016	Cation	Magnesium	Total	=	79.1	mg/L	EPA 200.7	0.012	0.1			
2015/16-3	ME-CC	matrix spike dup, rec	2/8/2016	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-CC	matrix spike, RPD	2/8/2016	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-3	ME-SCR	matrix spike	2/8/2016	Cation	Magnesium	Total	=	144	mg/L	EPA 200.7	0.012	0.1			
2015/16-3	ME-SCR	matrix spike, rec	2/8/2016	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-SCR	matrix spike dup	2/8/2016	Cation	Magnesium	Total	=	144	mg/L	EPA 200.7	0.012	0.1			
2015/16-3	ME-SCR	matrix spike dup, rec	2/8/2016	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-SCR	matrix spike, RPD	2/8/2016	Cation	Magnesium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2015/16-3	MO-OXN	matrix spike	2/8/2016	Cation	Magnesium	Total	=	55.5	mg/L	EPA 200.7	0.012	0.1			
2015/16-3	MO-OXN	matrix spike, rec	2/8/2016	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-3	MO-OXN	matrix spike dup	2/8/2016	Cation	Magnesium	Total	=	54.7	mg/L	EPA 200.7	0.012	0.1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/8/2016	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-3	MO-OXN	matrix spike, RPD	2/8/2016	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-3	Lab	method blank	2/8/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2015/16-3	Lab	method blank	2/8/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2015/16-3	Lab	LCS	2/8/2016	Cation	Potassium	Total	=	51.5	mg/L	EPA 200.7	0.081	0.1			
2015/16-3	Lab	LCS, rec	2/8/2016	Cation	Potassium	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2015/16-3	Lab	LCS	2/8/2016	Cation	Potassium	Total	=	50.5	mg/L	EPA 200.7	0.081	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	
2015/16-3	Lab	LCS, rec	2/8/2016	Cation	Potassium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2015/16-3	ME-CC	matrix spike	2/8/2016	Cation	Potassium	Total	=	60.8	mg/L	EPA 200.7	0.081	0.1			
2015/16-3	ME-CC	matrix spike, rec	2/8/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-CC	matrix spike dup	2/8/2016	Cation	Potassium	Total	=	60.8	mg/L	EPA 200.7	0.081	0.1			
2015/16-3	ME-CC	matrix spike dup, rec	2/8/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-CC	matrix spike, RPD	2/8/2016	Cation	Potassium	Total	=	0.03	%	EPA 200.7	-88	-88	0	30	
2015/16-3	ME-SCR	matrix spike	2/8/2016	Cation	Potassium	Total	=	58.9	mg/L	EPA 200.7	0.081	0.1			
2015/16-3	ME-SCR	matrix spike, rec	2/8/2016	Cation	Potassium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-SCR	matrix spike dup	2/8/2016	Cation	Potassium	Total	=	59.1	mg/L	EPA 200.7	0.081	0.1			
2015/16-3	ME-SCR	matrix spike dup, rec	2/8/2016	Cation	Potassium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-SCR	matrix spike, RPD	2/8/2016	Cation	Potassium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2015/16-3	MO-OXN	matrix spike	2/8/2016	Cation	Potassium	Total	=	55	mg/L	EPA 200.7	0.081	0.1			
2015/16-3	MO-OXN	matrix spike, rec	2/8/2016	Cation	Potassium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-3	MO-OXN	matrix spike dup	2/8/2016	Cation	Potassium	Total	=	54.6	mg/L	EPA 200.7	0.081	0.1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/8/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-3	MO-OXN	matrix spike, RPD	2/8/2016	Cation	Potassium	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2015/16-3	Lab	method blank	2/8/2016	Cation	Sodium	Total	DNQ	0.0242	mg/L	EPA 200.7	0.015	0.5			IP
2015/16-3	Lab	method blank	2/8/2016	Cation	Sodium	Total	DNQ	0.0261	mg/L	EPA 200.7	0.015	0.5			IP
2015/16-3	Lab	LCS	2/8/2016	Cation	Sodium	Total	=	49.5	mg/L	EPA 200.7	0.015	0.5			
2015/16-3	Lab	LCS, rec	2/8/2016	Cation	Sodium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2015/16-3	Lab	LCS	2/8/2016	Cation	Sodium	Total	=	49.3	mg/L	EPA 200.7	0.015	0.5			
2015/16-3	Lab	LCS, rec	2/8/2016	Cation	Sodium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2015/16-3	ME-CC	matrix spike	2/8/2016	Cation	Sodium	Total	=	115	mg/L	EPA 200.7	0.015	0.5			
2015/16-3	ME-CC	matrix spike, rec	2/8/2016	Cation	Sodium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-CC	matrix spike dup	2/8/2016	Cation	Sodium	Total	=	115	mg/L	EPA 200.7	0.015	0.5			
2015/16-3	ME-CC	matrix spike dup, rec	2/8/2016	Cation	Sodium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-CC	matrix spike, RPD	2/8/2016	Cation	Sodium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2015/16-3	ME-SCR	matrix spike	2/8/2016	Cation	Sodium	Total	=	224	mg/L	EPA 200.7	0.015	0.5			
2015/16-3	ME-SCR	matrix spike, rec	2/8/2016	Cation	Sodium	Total	=	120	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-SCR	matrix spike dup	2/8/2016	Cation	Sodium	Total	=	220	mg/L	EPA 200.7	0.015	0.5			
2015/16-3	ME-SCR	matrix spike dup, rec	2/8/2016	Cation	Sodium	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-SCR	matrix spike, RPD	2/8/2016	Cation	Sodium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-3	MO-OXN	matrix spike	2/8/2016	Cation	Sodium	Total	=	59.7	mg/L	EPA 200.7	0.015	0.5			
2015/16-3	MO-OXN	matrix spike, rec	2/8/2016	Cation	Sodium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2015/16-3	MO-OXN	matrix spike dup	2/8/2016	Cation	Sodium	Total	=	59.2	mg/L	EPA 200.7	0.015	0.5			
2015/16-3	MO-OXN	matrix spike dup, rec	2/8/2016	Cation	Sodium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-3	MO-OXN	matrix spike, RPD	2/8/2016	Cation	Sodium	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2015/16-3	000NONPJ	lab duplicate	2/8/2016	Conventional	Alkalinity as CaCO3	n/a	=	57.4	mg/L	SM 2320 B	0.56	10		15	
2015/16-3	000NONPJ	lab duplicate	2/10/2016	Conventional	Alkalinity as CaCO3	n/a	=	110	mg/L	SM 2320 B	0.56	10		15	
2015/16-3	000NONPJ	lab duplicate	2/11/2016	Conventional	Alkalinity as CaCO3	n/a	=	38.8	mg/L	SM 2320 B	0.56	2		15	
2015/16-3	Lab	LCS	2/8/2016	Conventional	Alkalinity as CaCO3	n/a	=	240	mg/L	SM 2320 B	0.56	10			
2015/16-3	Lab	LCS, rec	2/8/2016	Conventional	Alkalinity as CaCO3	n/a	=	96	%	SM 2320 B	-88	-88	94	108	
2015/16-3	Lab	method blank	2/8/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.54	mg/L	SM 2320 B	0.56	10			IP
2015/16-3	Lab	LCS	2/10/2016	Conventional	Alkalinity as CaCO3	n/a	=	238	mg/L	SM 2320 B	0.56	10			
2015/16-3	Lab	LCS, rec	2/10/2016	Conventional	Alkalinity as CaCO3	n/a	=	95	%	SM 2320 B	-88	-88	94	108	
2015/16-3	Lab	method blank	2/10/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	4.04	mg/L	SM 2320 B	0.56	10			IP
2015/16-3	Lab	LCS	2/11/2016	Conventional	Alkalinity as CaCO3	n/a	=	251	mg/L	SM 2320 B	0.56	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	
2015/16-3	Lab	LCS, rec	2/11/2016	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2015/16-3	Lab	method blank	2/11/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.49	mg/L	SM 2320 B	0.56	2			IP
2015/16-3	Lab	LCS	2/7/2016	Conventional	BOD	n/a	=	179	mg/L	SM 5210 B	2	2			
2015/16-3	Lab	LCS, rec	2/7/2016	Conventional	BOD	n/a	=	90	%	SM 5210 B	-88	-88	85	115	
2015/16-3	ME-CC	lab duplicate	2/7/2016	Conventional	BOD	n/a	=	7.7	mg/L	SM 5210 B	2	2		20	
2015/16-3	000NONPJ	lab duplicate	2/3/2016	Conventional	COD	n/a	=	416	mg/L	EPA 410.4	0.73	5		15	
2015/16-3	000NONPJ	lab duplicate	2/3/2016	Conventional	COD	n/a	=	1020	mg/L	EPA 410.4	1.5	10		15	
2015/16-3	Lab	LCS	2/3/2016	Conventional	COD	n/a	=	100	mg/L	EPA 410.4	0.73	5			
2015/16-3	Lab	LCS, rec	2/3/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2015/16-3	Lab	method blank	2/3/2016	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2015/16-3	Lab	LCS	2/3/2016	Conventional	COD	n/a	=	100	mg/L	EPA 410.4	0.73	5			
2015/16-3	Lab	LCS, rec	2/3/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2015/16-3	Lab	method blank	2/3/2016	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2015/16-3	ME-SCR	matrix spike	2/3/2016	Conventional	COD	n/a	=	212	mg/L	EPA 410.4	1.5	10			
2015/16-3	ME-SCR	matrix spike dup	2/3/2016	Conventional	COD	n/a	=	212	mg/L	EPA 410.4	1.5	10			
2015/16-3	ME-SCR	matrix spike dup, rec	2/3/2016	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2015/16-3	ME-SCR	matrix spike, rec	2/3/2016	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2015/16-3	ME-SCR	matrix spike, RPD	2/3/2016	Conventional	COD	n/a	=	0.07	%	EPA 410.4	-88	-88	0	15	
2015/16-3	MO-MPK	matrix spike	2/3/2016	Conventional	COD	n/a	=	257	mg/L	EPA 410.4	1.5	10			
2015/16-3	MO-MPK	matrix spike dup	2/3/2016	Conventional	COD	n/a	=	257	mg/L	EPA 410.4	1.5	10			
2015/16-3	MO-MPK	matrix spike dup, rec	2/3/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2015/16-3	MO-MPK	matrix spike, rec	2/3/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2015/16-3	MO-MPK	matrix spike, RPD	2/3/2016	Conventional	COD	n/a	=	0.03	%	EPA 410.4	-88	-88	0	15	
2015/16-3	MO-THO	matrix spike	2/3/2016	Conventional	COD	n/a	=	244	mg/L	EPA 410.4	1.5	10			
2015/16-3	MO-THO	matrix spike dup	2/3/2016	Conventional	COD	n/a	=	244	mg/L	EPA 410.4	1.5	10			
2015/16-3	MO-THO	matrix spike dup, rec	2/3/2016	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2015/16-3	MO-THO	matrix spike, rec	2/3/2016	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2015/16-3	MO-THO	matrix spike, RPD	2/3/2016	Conventional	COD	n/a	=	0.06	%	EPA 410.4	-88	-88	0	15	
2015/16-3	000NONPJ	matrix spike	2/13/2016	Conventional	Cyanide	Total	=	0.049	mg/L	ASTM D7511	0.0005	0.002			
2015/16-3	000NONPJ	matrix spike dup	2/13/2016	Conventional	Cyanide	Total	=	0.0497	mg/L	ASTM D7511	0.0005	0.002			
2015/16-3	000NONPJ	matrix spike dup, rec	2/13/2016	Conventional	Cyanide	Total	=	88	%	ASTM D7511	-88	-88	64	136	
2015/16-3	000NONPJ	matrix spike, rec	2/13/2016	Conventional	Cyanide	Total	=	87	%	ASTM D7511	-88	-88	64	136	
2015/16-3	000NONPJ	matrix spike, RPD	2/13/2016	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2015/16-3	Lab	LCS	2/13/2016	Conventional	Cyanide	Total	=	0.0462	mg/L	ASTM D7511	0.0005	0.002			
2015/16-3	Lab	LCS	2/13/2016	Conventional	Cyanide	Total	=	0.0435	mg/L	ASTM D7511	0.0005	0.002			
2015/16-3	Lab	LCS	2/13/2016	Conventional	Cyanide	Total	=	0.0462	mg/L	ASTM D7511	0.0005	0.002			
2015/16-3	Lab	LCS dup	2/13/2016	Conventional	Cyanide	Total	=	0.0456	mg/L	ASTM D7511	0.0005	0.002			
2015/16-3	Lab	LCS dup, rec	2/13/2016	Conventional	Cyanide	Total	=	91	%	ASTM D7511	-88	-88			
2015/16-3	Lab	LCS, rec	2/13/2016	Conventional	Cyanide	Total	=	92	%	ASTM D7511	-88	-88	84	116	
2015/16-3	Lab	LCS, rec	2/13/2016	Conventional	Cyanide	Total	=	92	%	ASTM D7511	-88	-88	84	116	
2015/16-3	Lab	LCS, rec	2/13/2016	Conventional	Cyanide	Total	=	87	%	ASTM D7511	-88	-88	84	116	
2015/16-3	Lab	LCS, RPD	2/13/2016	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0		
2015/16-3	Lab	method blank	2/13/2016	Conventional	Cyanide	Total	DNQ	0.0008	mg/L	ASTM D7511	0.0005	0.002			IP
2015/16-3	Lab	method blank	2/13/2016	Conventional	Cyanide	Total	DNQ	0.0008	mg/L	ASTM D7511	0.0005	0.002			IP
2015/16-3	Lab	method blank	2/13/2016	Conventional	Cyanide	Total	DNQ	0.0006	mg/L	ASTM D7511	0.0005	0.002			IP
2015/16-3	ME-SCR	matrix spike	2/13/2016	Conventional	Cyanide	Total	=	0.0419	mg/L	ASTM D7511	0.0005	0.002			
2015/16-3	ME-SCR	matrix spike dup	2/13/2016	Conventional	Cyanide	Total	=	0.0501	mg/L	ASTM D7511	0.0005	0.002			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	ME-SCR	matrix spike dup, rec	2/13/2016	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	64	136	
2015/16-3	ME-SCR	matrix spike, rec	2/13/2016	Conventional	Cyanide	Total	=	83	%	ASTM D7511	-88	-88	64	136	
2015/16-3	ME-SCR	matrix spike, RPD	2/13/2016	Conventional	Cyanide	Total	=	18	%	ASTM D7511	-88	-88	0	47	
2015/16-3	MO-THO	field duplicate	2/13/2016	Conventional	Cyanide	Total	=	0.0043	mg/L	ASTM D7511	0.0005	0.002			
2015/16-3	Lab	LCS	2/8/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.58	mg/L	SM 5310 C	0.5	0.5			
2015/16-3	Lab	LCS dup	2/8/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.53	mg/L	SM 5310 C	0.5	0.5			
2015/16-3	Lab	LCS dup, rec	2/8/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	111	%	SM 5310 C	-88	-88	85	115	
2015/16-3	Lab	LCS, rec	2/8/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	112	%	SM 5310 C	-88	-88	85	115	
2015/16-3	Lab	LCS, RPD	2/8/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	0.9	%	SM 5310 C	-88	-88	0	20	
2015/16-3	Lab	method blank	2/8/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2015/16-3	Lab	LCS	2/24/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	4.65	mg/L	SM 5310 C	0.013	0.3			
2015/16-3	Lab	LCS dup	2/24/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	4.69	mg/L	SM 5310 C	0.013	0.3			
2015/16-3	Lab	LCS dup, rec	2/24/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	94	%	SM 5310 C	-88	-88	85	115	
2015/16-3	Lab	LCS, rec	2/24/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	93	%	SM 5310 C	-88	-88	85	115	
2015/16-3	Lab	LCS, RPD	2/24/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	0.9	%	SM 5310 C	-88	-88	0	20	
2015/16-3	Lab	method blank	2/24/2016	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0241	mg/L	SM 5310 C	0.013	0.3			IP
2015/16-3	000NONPJ	matrix spike	2/2/2016	Conventional	MBAS	n/a	=	0.2	mg/L	SM 5540 C	0.019	0.05			
2015/16-3	000NONPJ	matrix spike dup	2/2/2016	Conventional	MBAS	n/a	=	0.205	mg/L	SM 5540 C	0.019	0.05			
2015/16-3	000NONPJ	matrix spike dup, rec	2/2/2016	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	74	123	
2015/16-3	000NONPJ	matrix spike, rec	2/2/2016	Conventional	MBAS	n/a	=	89	%	SM 5540 C	-88	-88	74	123	
2015/16-3	000NONPJ	matrix spike, RPD	2/2/2016	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/3/2016	Conventional	MBAS	n/a	=	0.206	mg/L	SM 5540 C	0.019	0.05			
2015/16-3	000NONPJ	matrix spike dup	2/3/2016	Conventional	MBAS	n/a	=	0.214	mg/L	SM 5540 C	0.019	0.05			
2015/16-3	000NONPJ	matrix spike dup, rec	2/3/2016	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	74	123	
2015/16-3	000NONPJ	matrix spike, rec	2/3/2016	Conventional	MBAS	n/a	=	88	%	SM 5540 C	-88	-88	74	123	
2015/16-3	000NONPJ	matrix spike, RPD	2/3/2016	Conventional	MBAS	n/a	=	4	%	SM 5540 C	-88	-88	0	20	
2015/16-3	Lab	LCS	2/2/2016	Conventional	MBAS	n/a	=	0.191	mg/L	SM 5540 C	0.019	0.05			
2015/16-3	Lab	LCS, rec	2/2/2016	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	82	115	
2015/16-3	Lab	method blank	2/2/2016	Conventional	MBAS	n/a	DNQ	0.0218	mg/L	SM 5540 C	0.019	0.05			IP
2015/16-3	Lab	LCS	2/3/2016	Conventional	MBAS	n/a	=	0.188	mg/L	SM 5540 C	0.019	0.05			
2015/16-3	Lab	LCS, rec	2/3/2016	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	82	115	
2015/16-3	Lab	method blank	2/3/2016	Conventional	MBAS	n/a	DNQ	0.0219	mg/L	SM 5540 C	0.019	0.05			IP
2015/16-3	000NONPJ	lab duplicate	2/1/2016	Conventional	pH	n/a	=	7.6	pH Units	SM 4500-H+ B	0.1	0.1		3.24	
2015/16-3	Lab	LCS	2/1/2016	Conventional	pH	n/a	=	7.41	pH Units	SM 4500-H+ B	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/1/2016	Conventional	pH	n/a	=	100	%	SM 4500-H+ B	-88	-88	96.7	102	
2015/16-3	000NONPJ	matrix spike	2/9/2016	Conventional	Phenolics	n/a	=	0.271	mg/L	EPA 420.4	0.0042	0.01			
2015/16-3	000NONPJ	matrix spike, rec	2/9/2016	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike dup	2/9/2016	Conventional	Phenolics	n/a	=	0.272	mg/L	EPA 420.4	0.0042	0.01			
2015/16-3	000NONPJ	matrix spike dup, rec	2/9/2016	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike, RPD	2/9/2016	Conventional	Phenolics	n/a	=	0.5	%	EPA 420.4	-88	-88	0	20	
2015/16-3	Lab	method blank	2/9/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2015/16-3	Lab	LCS	2/9/2016	Conventional	Phenolics	n/a	=	0.099	mg/L	EPA 420.4	0.0042	0.01			
2015/16-3	Lab	LCS, rec	2/9/2016	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2015/16-3	Lab	method blank	2/11/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2015/16-3	Lab	LCS	2/11/2016	Conventional	Phenolics	n/a	=	0.106	mg/L	EPA 420.4	0.0042	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Conventional	Phenolics	n/a	=	106	%	EPA 420.4	-88	-88	90	110	
2015/16-3	MO-SPA	matrix spike	2/11/2016	Conventional	Phenolics	n/a	=	0.278	mg/L	EPA 420.4	0.0042	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-SPA	matrix spike, rec	2/11/2016	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2015/16-3	MO-SPA	matrix spike dup	2/11/2016	Conventional	Phenolics	n/a	=	0.275	mg/L	EPA 420.4	0.0042	0.01			
2015/16-3	MO-SPA	matrix spike dup, rec	2/11/2016	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2015/16-3	MO-SPA	matrix spike, RPD	2/11/2016	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2015/16-3	000NONPJ	lab duplicate	2/6/2016	Conventional	Specific Conductance	n/a	=	59.6	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-3	000NONPJ	lab duplicate	2/10/2016	Conventional	Specific Conductance	n/a	=	5610	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-3	Lab	LCS	2/6/2016	Conventional	Specific Conductance	n/a	=	193	µmhos/cm	SM 2510 B	0.23	2			
2015/16-3	Lab	LCS, rec	2/6/2016	Conventional	Specific Conductance	n/a	=	97	%	SM 2510 B	-88	-88	95	105	
2015/16-3	Lab	method blank	2/6/2016	Conventional	Specific Conductance	n/a	DNQ	0.26	µmhos/cm	SM 2510 B	0.23	2			IP
2015/16-3	Lab	LCS	2/6/2016	Conventional	Specific Conductance	n/a	=	190	µmhos/cm	SM 2510 B	0.23	2			
2015/16-3	Lab	LCS, rec	2/6/2016	Conventional	Specific Conductance	n/a	=	95	%	SM 2510 B	-88	-88	95	105	
2015/16-3	Lab	method blank	2/6/2016	Conventional	Specific Conductance	n/a	DNQ	0.35	µmhos/cm	SM 2510 B	0.23	2			IP
2015/16-3	Lab	LCS	2/10/2016	Conventional	Specific Conductance	n/a	=	4770	µmhos/cm	SM 2510 B	0.23	2			
2015/16-3	Lab	LCS, rec	2/10/2016	Conventional	Specific Conductance	n/a	=	95	%	SM 2510 B	-88	-88	95	105	
2015/16-3	Lab	method blank	2/10/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2015/16-3	MO-MPK	lab duplicate	2/6/2016	Conventional	Specific Conductance	n/a	=	205	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-3	000NONPJ	matrix spike	2/1/2016	Conventional	Total Chlorine Residual	n/a	=	0.369	mg/L	SM 4500-Cl G	0.003	0.1			
2015/16-3	000NONPJ	matrix spike dup	2/1/2016	Conventional	Total Chlorine Residual	n/a	=	0.385	mg/L	SM 4500-Cl G	0.003	0.1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/1/2016	Conventional	Total Chlorine Residual	n/a	=	87	%	SM 4500-Cl G	-88	-88	78	114	
2015/16-3	000NONPJ	matrix spike, rec	2/1/2016	Conventional	Total Chlorine Residual	n/a	=	83	%	SM 4500-Cl G	-88	-88	78	114	
2015/16-3	000NONPJ	matrix spike, RPD	2/1/2016	Conventional	Total Chlorine Residual	n/a	=	4	%	SM 4500-Cl G	-88	-88	0	15	
2015/16-3	Lab	LCS	2/1/2016	Conventional	Total Chlorine Residual	n/a	=	0.214	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-3	Lab	LCS, rec	2/1/2016	Conventional	Total Chlorine Residual	n/a	=	107	%	SM 4500-Cl G	-88	-88	85	110	
2015/16-3	Lab	method blank	2/1/2016	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-3	000NONPJ	lab duplicate	2/4/2016	Conventional	Total Dissolved Solids	n/a	=	624	mg/L	SM 2540 C	4	10		10	
2015/16-3	Lab	LCS	2/4/2016	Conventional	Total Dissolved Solids	n/a	=	837	mg/L	SM 2540 C	4	10			
2015/16-3	Lab	LCS, rec	2/4/2016	Conventional	Total Dissolved Solids	n/a	=	102	%	SM 2540 C	-88	-88	96	102	
2015/16-3	Lab	method blank	2/4/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-3	MO-HUE	lab duplicate	2/4/2016	Conventional	Total Dissolved Solids	n/a	=	7410	mg/L	SM 2540 C	4	10		10	
2015/16-3	000NONPJ	matrix spike	2/4/2016	Conventional	Total Organic Carbon	n/a	=	5.8	mg/L	SM 5310 C	0.009	0.3			
2015/16-3	000NONPJ	matrix spike dup	2/4/2016	Conventional	Total Organic Carbon	n/a	=	5.82	mg/L	SM 5310 C	0.009	0.3			
2015/16-3	000NONPJ	matrix spike dup, rec	2/4/2016	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 C	-88	-88	80	116	
2015/16-3	000NONPJ	matrix spike, rec	2/4/2016	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 C	-88	-88	80	116	
2015/16-3	000NONPJ	matrix spike, RPD	2/4/2016	Conventional	Total Organic Carbon	n/a	=	0.2	%	SM 5310 C	-88	-88	0	20	
2015/16-3	Lab	LCS	2/4/2016	Conventional	Total Organic Carbon	n/a	=	4.56	mg/L	SM 5310 C	0.009	0.3			
2015/16-3	Lab	LCS, rec	2/4/2016	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 C	-88	-88	85	115	
2015/16-3	Lab	method blank	2/4/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0391	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-3	Lab	LCS	2/9/2016	Conventional	Total Organic Carbon	n/a	=	4.77	mg/L	SM 5310 C	0.009	0.3			
2015/16-3	Lab	LCS, rec	2/9/2016	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 C	-88	-88	85	115	
2015/16-3	Lab	method blank	2/9/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0469	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-3	000NONPJ	lab duplicate	2/2/2016	Conventional	Total Suspended Solids	n/a	=	55	mg/L	SM 2540 D	-88	5		20	
2015/16-3	000NONPJ	lab duplicate	2/2/2016	Conventional	Total Suspended Solids	n/a	=	35	mg/L	SM 2540 D	-88	5		20	
2015/16-3	Lab	method blank	2/2/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2015/16-3	000NONPJ	lab duplicate	2/2/2016	Conventional	Turbidity	n/a	DNQ	0.04	NTU	EPA 180.1	0.024	0.1		10	
2015/16-3	000NONPJ	lab duplicate	2/2/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1		10	
2015/16-3	Lab	LCS	2/2/2016	Conventional	Turbidity	n/a	=	16.6	NTU	EPA 180.1	0.024	0.1			
2015/16-3	Lab	LCS, rec	2/2/2016	Conventional	Turbidity	n/a	=	103	%	EPA 180.1	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	Lab	method blank	2/2/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-3	Lab	LCS	2/2/2016	Conventional	Turbidity	n/a	=	16.1	NTU	EPA 180.1	0.024	0.1			
2015/16-3	Lab	LCS, rec	2/2/2016	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2015/16-3	Lab	method blank	2/2/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-3	000NONPJ	lab duplicate	2/2/2016	Conventional	Volatile Suspended Solids	n/a	=	27	mg/L	EPA 160.4	3.1	5		15	
2015/16-3	000NONPJ	lab duplicate	2/2/2016	Conventional	Volatile Suspended Solids	n/a	=	22	mg/L	EPA 160.4	3.1	5		15	
2015/16-3	Lab	method blank	2/2/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2015/16-3	Lab	method blank	2/22/2016	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015B	0.024	0.1			
2015/16-3	Lab	LCS	2/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.485	mg/L	EPA 8015B	0.024	0.1			
2015/16-3	Lab	LCS, rec	2/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	97	%	EPA 8015B	-88	-88	56	136	
2015/16-3	MO-OXN	matrix spike	2/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	1.3	mg/L	EPA 8015B	0.024	0.1			GB
2015/16-3	MO-OXN	matrix spike, rec	2/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	-93	%	EPA 8015B	-88	-88	70	130	GB
2015/16-3	MO-OXN	matrix spike dup	2/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	1.39	mg/L	EPA 8015B	0.024	0.1			GB
2015/16-3	MO-OXN	matrix spike dup, rec	2/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	-76	%	EPA 8015B	-88	-88	70	130	GB
2015/16-3	MO-OXN	matrix spike, RPD	2/22/2016	Hydrocarbon	Diesel Range Organics	n/a	=	6	%	EPA 8015B	-88	-88	0	25	
2015/16-3	Lab	LCS	2/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.1	mg/L	EPA 8015B	0.044	0.1			
2015/16-3	Lab	LCS, rec	2/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	110	%	EPA 8015B	-88	-88	75	123	
2015/16-3	Lab	LCS dup	2/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.09	mg/L	EPA 8015B	0.044	0.1			
2015/16-3	Lab	LCS dup, rec	2/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	109	%	EPA 8015B	-88	-88	75	123	
2015/16-3	Lab	LCS, RPD	2/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1	%	EPA 8015B	-88	-88	0	25	
2015/16-3	Lab	method blank	2/2/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-3	Lab	LCS	2/3/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.03	mg/L	EPA 8015B	0.044	0.1			
2015/16-3	Lab	LCS, rec	2/3/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	103	%	EPA 8015B	-88	-88	75	123	
2015/16-3	Lab	LCS dup	2/3/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.1	mg/L	EPA 8015B	0.044	0.1			
2015/16-3	Lab	LCS dup, rec	2/3/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	110	%	EPA 8015B	-88	-88	75	123	
2015/16-3	Lab	LCS, RPD	2/3/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	7	%	EPA 8015B	-88	-88	0	25	
2015/16-3	Lab	method blank	2/3/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-3	MO-THO	field duplicate	2/3/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-3	Lab	srgt method blank	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.307	mg/L	EPA 8015B	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	123	%	EPA 8015B	-88	-88	64	155	
2015/16-3	Lab	srgt LCS	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.308	mg/L	EPA 8015B	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	123	%	EPA 8015B	-88	-88	64	155	
2015/16-3	ME-CC	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.202	mg/L	EPA 8015B	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	81	%	EPA 8015B	-88	-88	64	155	
2015/16-3	ME-SCR	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.345	mg/L	EPA 8015B	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	138	%	EPA 8015B	-88	-88	64	155	
2015/16-3	ME-VR2	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.29	mg/L	EPA 8015B	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	116	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-CAM	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.286	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	115	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-FIL	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.319	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	128	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-HUE	srgt environ	2/23/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.276	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/23/2016	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-MEI	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.287	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	115	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-MPK	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.25	mg/L	EPA 8015B	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-MPK	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	100	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-OJA	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.299	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	119	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-OXN	srgt matrix spike	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.236	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	95	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-OXN	srgt matrix spike dup	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.236	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike dup, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	94	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-OXN	srgt environ	2/23/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.29	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/23/2016	Hydrocarbon	n-Tetracosane	n/a	=	116	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-SIM	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.257	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-SPA	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.273	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	109	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-THO	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.272	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	109	%	EPA 8015B	-88	-88	64	155	
2015/16-3	MO-VEN	srgt environ	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.273	mg/L	EPA 8015B	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/22/2016	Hydrocarbon	n-Tetracosane	n/a	=	109	%	EPA 8015B	-88	-88	64	155	
2015/16-3	000NONPJ	matrix spike	2/9/2016	Hydrocarbon	Oil and Grease	n/a	=	20.2	mg/L	EPA 1664A	1.3	5			
2015/16-3	000NONPJ	matrix spike, rec	2/9/2016	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664A	-88	-88	78	114	
2015/16-3	Lab	LCS	2/8/2016	Hydrocarbon	Oil and Grease	n/a	=	5.3	mg/L	EPA 1664A	1.3	5			
2015/16-3	Lab	LCS	2/8/2016	Hydrocarbon	Oil and Grease	n/a	=	19	mg/L	EPA 1664A	1.3	5			
2015/16-3	Lab	LCS dup	2/8/2016	Hydrocarbon	Oil and Grease	n/a	=	19.8	mg/L	EPA 1664A	1.3	5			
2015/16-3	Lab	LCS dup, rec	2/8/2016	Hydrocarbon	Oil and Grease	n/a	=	99	%	EPA 1664A	-88	-88	78	114	
2015/16-3	Lab	LCS, rec	2/8/2016	Hydrocarbon	Oil and Grease	n/a	=	106	%	EPA 1664A	-88	-88	78	114	
2015/16-3	Lab	LCS, rec	2/8/2016	Hydrocarbon	Oil and Grease	n/a	=	95	%	EPA 1664A	-88	-88	78	114	
2015/16-3	Lab	LCS, RPD	2/8/2016	Hydrocarbon	Oil and Grease	n/a	=	4	%	EPA 1664A	-88	-88	0	18	
2015/16-3	Lab	method blank	2/8/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-3	Lab	LCS	2/9/2016	Hydrocarbon	Oil and Grease	n/a	=	19.2	mg/L	EPA 1664A	1.3	5			
2015/16-3	Lab	LCS	2/9/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.3	mg/L	EPA 1664A	1.3	5			
2015/16-3	Lab	LCS dup	2/9/2016	Hydrocarbon	Oil and Grease	n/a	=	20.6	mg/L	EPA 1664A	1.3	5			
2015/16-3	Lab	LCS dup, rec	2/9/2016	Hydrocarbon	Oil and Grease	n/a	=	103	%	EPA 1664A	-88	-88	78	114	
2015/16-3	Lab	LCS, rec	2/9/2016	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2015/16-3	Lab	LCS, rec	2/9/2016	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2015/16-3	Lab	LCS, RPD	2/9/2016	Hydrocarbon	Oil and Grease	n/a	=	7	%	EPA 1664A	-88	-88	0	18	
2015/16-3	Lab	method blank	2/9/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-3	MO-THO	field duplicate	2/8/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-3	MO-THO	matrix spike	2/8/2016	Hydrocarbon	Oil and Grease	n/a	=	21.3	mg/L	EPA 1664A	1.3	5			
2015/16-3	MO-THO	matrix spike, rec	2/8/2016	Hydrocarbon	Oil and Grease	n/a	=	95	%	EPA 1664A	-88	-88	78	114	
2015/16-3	Lab	method blank	2/22/2016	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2015/16-3	Lab	method blank	2/8/2016	Metal	Aluminum	Dissolved	DNQ	1.6	µg/L	EPA 200.8	1.3	5			IP
2015/16-3	Lab	LCS	2/8/2016	Metal	Aluminum	Dissolved	=	48	µg/L	EPA 200.8	1.3	5			
2015/16-3	Lab	LCS, rec	2/8/2016	Metal	Aluminum	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/8/2016	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-3	Lab	LCS	2/8/2016	Metal	Aluminum	Dissolved	=	46.2	µg/L	EPA 200.8	1.3	5			
2015/16-3	Lab	LCS, rec	2/8/2016	Metal	Aluminum	Dissolved	=	92	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/8/2016	Metal	Aluminum	Total	DNQ	1.38	µg/L	EPA 200.8	1.3	5			IP
2015/16-3	Lab	LCS	2/8/2016	Metal	Aluminum	Total	=	48	µg/L	EPA 200.8	1.3	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	
2015/16-3	Lab	LCS, rec	2/8/2016	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/8/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-3	Lab	LCS	2/8/2016	Metal	Aluminum	Total	=	46.2	µg/L	EPA 200.8	1.3	5			
2015/16-3	Lab	LCS, rec	2/8/2016	Metal	Aluminum	Total	=	92	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/8/2016	Metal	Aluminum	Total	=	406	µg/L	EPA 200.8	1.3	5			GB
2015/16-3	MO-HUE	matrix spike, rec	2/8/2016	Metal	Aluminum	Total	=	47	%	EPA 200.8	-88	-88	70	130	GB
2015/16-3	MO-HUE	matrix spike dup	2/8/2016	Metal	Aluminum	Total	=	412	µg/L	EPA 200.8	1.3	5			GB
2015/16-3	MO-HUE	matrix spike dup, rec	2/8/2016	Metal	Aluminum	Total	=	60	%	EPA 200.8	-88	-88	70	130	GB
2015/16-3	MO-HUE	matrix spike, RPD	2/8/2016	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/8/2016	Metal	Aluminum	Total	=	3840	µg/L	EPA 200.8	65	250			GB
2015/16-3	MO-MEI	matrix spike, rec	2/8/2016	Metal	Aluminum	Total	=	245	%	EPA 200.8	-88	-88	70	130	GB
2015/16-3	MO-MEI	matrix spike dup	2/8/2016	Metal	Aluminum	Total	=	3590	µg/L	EPA 200.8	65	250			GB
2015/16-3	MO-MEI	matrix spike dup, rec	2/8/2016	Metal	Aluminum	Total	=	-25	%	EPA 200.8	-88	-88	70	130	GB
2015/16-3	MO-MEI	matrix spike, RPD	2/8/2016	Metal	Aluminum	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/8/2016	Metal	Aluminum	Total	=	2310	µg/L	EPA 200.8	26	100			GB
2015/16-3	MO-SPA	matrix spike, rec	2/8/2016	Metal	Aluminum	Total	=	491	%	EPA 200.8	-88	-88	70	130	GB
2015/16-3	MO-SPA	matrix spike dup	2/8/2016	Metal	Aluminum	Total	=	2250	µg/L	EPA 200.8	26	100			GB
2015/16-3	MO-SPA	matrix spike dup, rec	2/8/2016	Metal	Aluminum	Total	=	374	%	EPA 200.8	-88	-88	70	130	GB
2015/16-3	MO-SPA	matrix spike, RPD	2/8/2016	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Antimony	Dissolved	=	49.4	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Antimony	Dissolved	=	48.8	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Antimony	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Antimony	Total	=	49.4	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Antimony	Total	=	48.8	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Antimony	Total	=	44.9	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Antimony	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Antimony	Total	=	44.7	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Antimony	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Antimony	Total	=	38.3	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Antimony	Total	=	76	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Antimony	Total	=	38.6	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Antimony	Total	=	76	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Antimony	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Antimony	Total	=	45.2	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Antimony	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Antimony	Total	=	44.9	µg/L	EPA 200.8	0.045	0.5			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Antimony	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Antimony	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	Lab	LCS	2/5/2016	Metal	Arsenic	Dissolved	=	51.1	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	Lab	LCS	2/5/2016	Metal	Arsenic	Dissolved	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	Lab	LCS	2/5/2016	Metal	Arsenic	Total	=	51.1	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	Lab	LCS	2/5/2016	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Arsenic	Total	=	41.2	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Arsenic	Total	=	78	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Arsenic	Total	=	41.8	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Arsenic	Total	=	79	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Arsenic	Total	=	50.5	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Arsenic	Total	=	52.9	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Arsenic	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Arsenic	Total	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Arsenic	Total	=	50.9	µg/L	EPA 200.8	0.074	0.4			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Arsenic	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Barium	Total	=	48.6	µg/L	EPA 200.8	0.071	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Barium	Total	=	49.6	µg/L	EPA 200.8	0.071	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Barium	Total	=	127	µg/L	EPA 200.8	0.071	0.5			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Barium	Total	=	127	µg/L	EPA 200.8	0.071	0.5			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Barium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Barium	Total	=	100	µg/L	EPA 200.8	0.071	0.5			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Barium	Total	=	100	µg/L	EPA 200.8	0.071	0.5			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Barium	Total	=	0.008	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Barium	Total	=	101	µg/L	EPA 200.8	0.071	0.5			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Barium	Total	=	100	µg/L	EPA 200.8	0.071	0.5			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Barium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	Lab	method blank	2/5/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	Lab	LCS	2/5/2016	Metal	Beryllium	Dissolved	=	49.3	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Beryllium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	Lab	LCS	2/5/2016	Metal	Beryllium	Dissolved	=	47.7	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	Lab	LCS	2/5/2016	Metal	Beryllium	Total	=	49.3	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	Lab	LCS	2/5/2016	Metal	Beryllium	Total	=	47.7	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Beryllium	Total	=	34	µg/L	EPA 200.8	0.033	0.1			GB
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Beryllium	Total	=	68	%	EPA 200.8	-88	-88	70	130	GB
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Beryllium	Total	=	31.6	µg/L	EPA 200.8	0.033	0.1			GB
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Beryllium	Total	=	63	%	EPA 200.8	-88	-88	70	130	GB
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Beryllium	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Beryllium	Total	=	47.6	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Beryllium	Total	=	48.2	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Beryllium	Total	=	48.1	µg/L	EPA 200.8	0.033	0.1			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Beryllium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	Lab	LCS	2/5/2016	Metal	Cadmium	Dissolved	=	48.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	Lab	LCS	2/5/2016	Metal	Cadmium	Dissolved	=	48.4	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	Lab	LCS	2/5/2016	Metal	Cadmium	Total	=	48.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	Lab	LCS	2/5/2016	Metal	Cadmium	Total	=	48.4	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Cadmium	Total	=	36.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Cadmium	Total	=	73	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Cadmium	Total	=	37.2	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Cadmium	Total	=	74	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Cadmium	Total	=	47.4	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Cadmium	Total	=	48	µg/L	EPA 200.8	0.041	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	
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Cadmium	Total	=	47.9	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Cadmium	Total	=	47.5	µg/L	EPA 200.8	0.041	0.1			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Chromium	Dissolved	=	48.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Chromium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Chromium	Dissolved	=	49.4	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Chromium	Total	=	48.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Chromium	Total	=	49.4	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Chromium	Total	=	44.2	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Chromium	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Chromium	Total	=	47.9	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Chromium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Chromium	Total	=	58.4	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Chromium	Total	=	58.2	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Chromium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Chromium	Total	=	54.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Chromium	Total	=	54	µg/L	EPA 200.8	0.035	0.2			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Chromium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/2/2016	Metal	Chromium VI	n/a	=	4.5	µg/L	EPA 218.6	0.0048	0.02			
2015/16-3	000NONPJ	matrix spike, rec	2/2/2016	Metal	Chromium VI	n/a	=	90	%	EPA 218.6	-88	-88	88	112	
2015/16-3	000NONPJ	matrix spike dup	2/2/2016	Metal	Chromium VI	n/a	=	5.09	µg/L	EPA 218.6	0.0048	0.02			IL
2015/16-3	000NONPJ	matrix spike dup, rec	2/2/2016	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	IL
2015/16-3	000NONPJ	matrix spike, RPD	2/2/2016	Metal	Chromium VI	n/a	=	12	%	EPA 218.6	-88	-88	0	10	IL
2015/16-3	Lab	method blank	2/2/2016	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2015/16-3	Lab	LCS	2/2/2016	Metal	Chromium VI	n/a	=	4.95	µg/L	EPA 218.6	0.0048	0.02			
2015/16-3	Lab	LCS, rec	2/2/2016	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	90	110	
2015/16-3	MO-VEN	matrix spike	2/2/2016	Metal	Chromium VI	n/a	=	5.82	µg/L	EPA 218.6	0.0048	0.02			
2015/16-3	MO-VEN	matrix spike, rec	2/2/2016	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2015/16-3	MO-VEN	matrix spike dup	2/2/2016	Metal	Chromium VI	n/a	=	5.83	µg/L	EPA 218.6	0.0048	0.02			
2015/16-3	MO-VEN	matrix spike dup, rec	2/2/2016	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2015/16-3	MO-VEN	matrix spike, RPD	2/2/2016	Metal	Chromium VI	n/a	=	0.1	%	EPA 218.6	-88	-88	0	10	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	Lab	method blank	2/5/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Copper	Dissolved	=	49.8	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Copper	Dissolved	=	50.2	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Copper	Total	=	49.8	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Copper	Total	=	50.2	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Copper	Total	=	40.9	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Copper	Total	=	73	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Copper	Total	=	44	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Copper	Total	=	79	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Copper	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Copper	Total	=	59.8	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Copper	Total	=	60.1	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Copper	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Copper	Total	=	69.6	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Copper	Total	=	68.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	method blank	2/8/2016	Metal	Iron	Dissolved	DNQ	1.64	µg/L	EPA 200.7	1.1	10			IP
2015/16-3	Lab	method blank	2/8/2016	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2015/16-3	Lab	LCS	2/8/2016	Metal	Iron	Dissolved	=	193	µg/L	EPA 200.7	1.1	10			
2015/16-3	Lab	LCS, rec	2/8/2016	Metal	Iron	Dissolved	=	96	%	EPA 200.7	-88	-88	85	115	
2015/16-3	Lab	LCS	2/8/2016	Metal	Iron	Dissolved	=	200	µg/L	EPA 200.7	1.1	10			
2015/16-3	Lab	LCS, rec	2/8/2016	Metal	Iron	Dissolved	=	100	%	EPA 200.7	-88	-88	85	115	
2015/16-3	Lab	method blank	2/8/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2015/16-3	Lab	method blank	2/8/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2015/16-3	Lab	LCS	2/8/2016	Metal	Iron	Total	=	193	µg/L	EPA 200.7	1.1	10			
2015/16-3	Lab	LCS, rec	2/8/2016	Metal	Iron	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2015/16-3	Lab	LCS	2/8/2016	Metal	Iron	Total	=	200	µg/L	EPA 200.7	1.1	10			
2015/16-3	Lab	LCS, rec	2/8/2016	Metal	Iron	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2015/16-3	ME-CC	matrix spike	2/8/2016	Metal	Iron	Total	=	14000	µg/L	EPA 200.7	1.1	10			GB
2015/16-3	ME-CC	matrix spike, rec	2/8/2016	Metal	Iron	Total	=	337	%	EPA 200.7	-88	-88	70	130	GB
2015/16-3	ME-CC	matrix spike dup	2/8/2016	Metal	Iron	Total	=	14000	µg/L	EPA 200.7	1.1	10			GB
2015/16-3	ME-CC	matrix spike dup, rec	2/8/2016	Metal	Iron	Total	=	338	%	EPA 200.7	-88	-88	70	130	GB
2015/16-3	ME-CC	matrix spike, RPD	2/8/2016	Metal	Iron	Total	=	0.02	%	EPA 200.7	-88	-88	0	30	
2015/16-3	ME-SCR	matrix spike	2/8/2016	Metal	Iron	Total	=	964	µg/L	EPA 200.7	1.1	10			
2015/16-3	ME-SCR	matrix spike, rec	2/8/2016	Metal	Iron	Total	=	120	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-SCR	matrix spike dup	2/8/2016	Metal	Iron	Total	=	945	µg/L	EPA 200.7	1.1	10			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	ME-SCR	matrix spike dup, rec	2/8/2016	Metal	Iron	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2015/16-3	ME-SCR	matrix spike, RPD	2/8/2016	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-3	MO-OXN	matrix spike	2/8/2016	Metal	Iron	Total	=	1990	µg/L	EPA 200.7	1.1	10			
2015/16-3	MO-OXN	matrix spike, rec	2/8/2016	Metal	Iron	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-3	MO-OXN	matrix spike dup	2/8/2016	Metal	Iron	Total	=	1940	µg/L	EPA 200.7	1.1	10			
2015/16-3	MO-OXN	matrix spike dup, rec	2/8/2016	Metal	Iron	Total	=	78	%	EPA 200.7	-88	-88	70	130	
2015/16-3	MO-OXN	matrix spike, RPD	2/8/2016	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Lead	Dissolved	=	49.1	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Lead	Dissolved	=	47.4	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Lead	Total	=	49.1	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Lead	Total	=	47.4	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Lead	Total	=	39.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Lead	Total	=	76	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Lead	Total	=	40	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Lead	Total	=	77	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Lead	Total	=	52.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Lead	Total	=	52.5	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Lead	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Lead	Total	=	60.5	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Lead	Total	=	60.9	µg/L	EPA 200.8	0.031	0.2			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Lead	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	LCS	2/11/2016	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	3.9	50			
2015/16-3	Lab	LCS, rec	2/11/2016	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	85	115	
2015/16-3	Lab	method blank	2/11/2016	Metal	Mercury	Dissolved	DNQ	11	ng/L	EPA 245.1	3.9	50			IP
2015/16-3	Lab	LCS	2/11/2016	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	3.9	50			
2015/16-3	Lab	LCS, rec	2/11/2016	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	85	115	
2015/16-3	Lab	method blank	2/11/2016	Metal	Mercury	Dissolved	DNQ	12	ng/L	EPA 245.1	3.9	50			IP
2015/16-3	Lab	LCS	2/11/2016	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	3.9	50			
2015/16-3	Lab	LCS, rec	2/11/2016	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	85	115	
2015/16-3	Lab	method blank	2/11/2016	Metal	Mercury	Total	DNQ	12	ng/L	EPA 245.1	3.9	50			IP
2015/16-3	Lab	LCS	2/11/2016	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			
2015/16-3	Lab	LCS, rec	2/11/2016	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	85	115	
2015/16-3	Lab	method blank	2/11/2016	Metal	Mercury	Total	DNQ	9	ng/L	EPA 245.1	3.9	50			IP
2015/16-3	ME-VR2	matrix spike	2/11/2016	Metal	Mercury	Total	=	997	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	
2015/16-3	ME-VR2	matrix spike dup	2/11/2016	Metal	Mercury	Total	=	997	ng/L	EPA 245.1	3.9	50			
2015/16-3	ME-VR2	matrix spike dup, rec	2/11/2016	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2015/16-3	ME-VR2	matrix spike, rec	2/11/2016	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2015/16-3	ME-VR2	matrix spike, RPD	2/11/2016	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	
2015/16-3	MO-CAM	matrix spike	2/11/2016	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			
2015/16-3	MO-CAM	matrix spike dup	2/11/2016	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	3.9	50			
2015/16-3	MO-CAM	matrix spike dup, rec	2/11/2016	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2015/16-3	MO-CAM	matrix spike, rec	2/11/2016	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2015/16-3	MO-CAM	matrix spike, RPD	2/11/2016	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2015/16-3	MO-MPK	matrix spike	2/11/2016	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	3.9	50			
2015/16-3	MO-MPK	matrix spike dup	2/11/2016	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2015/16-3	MO-MPK	matrix spike dup, rec	2/11/2016	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2015/16-3	MO-MPK	matrix spike, rec	2/11/2016	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-3	MO-MPK	matrix spike, RPD	2/11/2016	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2015/16-3	MO-THO	matrix spike	2/11/2016	Metal	Mercury	Total	=	991	ng/L	EPA 245.1	3.9	50			
2015/16-3	MO-THO	matrix spike dup	2/11/2016	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	3.9	50			
2015/16-3	MO-THO	matrix spike dup, rec	2/11/2016	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2015/16-3	MO-THO	matrix spike, rec	2/11/2016	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2015/16-3	MO-THO	matrix spike, RPD	2/11/2016	Metal	Mercury	Total	=	0.9	%	EPA 245.1	-88	-88	0	20	
2015/16-3	Lab	method blank	2/5/2016	Metal	Nickel	Dissolved	DNQ	0.0704	µg/L	EPA 200.8	0.045	0.8			IP
2015/16-3	Lab	LCS	2/5/2016	Metal	Nickel	Dissolved	=	49.1	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/10/2016	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	Lab	LCS	2/10/2016	Metal	Nickel	Dissolved	=	49.7	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	Lab	LCS, rec	2/10/2016	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Nickel	Total	DNQ	0.0571	µg/L	EPA 200.8	0.045	0.8			IP
2015/16-3	Lab	LCS	2/5/2016	Metal	Nickel	Total	=	49.1	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/10/2016	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	Lab	LCS	2/10/2016	Metal	Nickel	Total	=	49.7	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	Lab	LCS, rec	2/10/2016	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-FIL	matrix spike	2/10/2016	Metal	Nickel	Total	=	67.8	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	MO-FIL	matrix spike, rec	2/10/2016	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-FIL	matrix spike dup	2/10/2016	Metal	Nickel	Total	=	66.4	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	MO-FIL	matrix spike dup, rec	2/10/2016	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-FIL	matrix spike, RPD	2/10/2016	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Nickel	Total	=	44	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Nickel	Total	=	74	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Nickel	Total	=	47.3	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Nickel	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Nickel	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/10/2016	Metal	Nickel	Total	=	63.4	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	MO-SIM	matrix spike, rec	2/10/2016	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SIM	matrix spike dup	2/10/2016	Metal	Nickel	Total	=	60.4	µg/L	EPA 200.8	0.045	0.8			
2015/16-3	MO-SIM	matrix spike dup, rec	2/10/2016	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SIM	matrix spike, RPD	2/10/2016	Metal	Nickel	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	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	
2015/16-3	Lab	LCS	2/5/2016	Metal	Selenium	Dissolved	=	48.3	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	Lab	LCS	2/5/2016	Metal	Selenium	Dissolved	=	48.6	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	Lab	LCS	2/5/2016	Metal	Selenium	Total	=	48.3	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	Lab	LCS	2/5/2016	Metal	Selenium	Total	=	48.6	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Selenium	Total	=	37.6	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Selenium	Total	=	73	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Selenium	Total	=	40.8	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Selenium	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Selenium	Total	=	8	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Selenium	Total	=	45.7	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Selenium	Total	=	45.5	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Selenium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Selenium	Total	=	47	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Selenium	Total	=	47.7	µg/L	EPA 200.8	0.14	0.4			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Silver	Dissolved	=	48.6	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Silver	Dissolved	=	48.5	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Silver	Total	=	48.6	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Silver	Total	=	48.5	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Silver	Total	=	40.6	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Silver	Total	=	81	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Silver	Total	=	40.8	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Silver	Total	=	81	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Silver	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Silver	Total	=	48.7	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Silver	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Silver	Total	=	48.5	µg/L	EPA 200.8	0.062	0.2			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Silver	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Thallium	Dissolved	=	47.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Thallium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Thallium	Dissolved	=	46.5	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Thallium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Thallium	Total	=	47.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	Lab	LCS	2/5/2016	Metal	Thallium	Total	=	46.5	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Thallium	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Thallium	Total	=	38.9	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Thallium	Total	=	78	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Thallium	Total	=	39.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Thallium	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Thallium	Total	=	45.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Thallium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Thallium	Total	=	46.6	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Thallium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Thallium	Total	=	46.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Thallium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Thallium	Total	=	47.3	µg/L	EPA 200.8	0.014	0.2			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Zinc	Dissolved	=	50.8	µg/L	EPA 200.8	0.94	5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Zinc	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Zinc	Dissolved	=	51.9	µg/L	EPA 200.8	0.94	5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Zinc	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Zinc	Total	=	50.8	µg/L	EPA 200.8	0.94	5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-3	Lab	method blank	2/5/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-3	Lab	LCS	2/5/2016	Metal	Zinc	Total	=	51.9	µg/L	EPA 200.8	0.94	5			
2015/16-3	Lab	LCS, rec	2/5/2016	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Metal	Zinc	Total	=	47.4	µg/L	EPA 200.8	0.94	5			GB
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Metal	Zinc	Total	=	58	%	EPA 200.8	-88	-88	70	130	GB

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Metal	Zinc	Total	=	50.9	µg/L	EPA 200.8	0.94	5			GB
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Metal	Zinc	Total	=	65	%	EPA 200.8	-88	-88	70	130	GB
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Metal	Zinc	Total	=	7	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-MEI	matrix spike	2/5/2016	Metal	Zinc	Total	=	110	µg/L	EPA 200.8	0.94	5			
2015/16-3	MO-MEI	matrix spike, rec	2/5/2016	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike dup	2/5/2016	Metal	Zinc	Total	=	107	µg/L	EPA 200.8	0.94	5			
2015/16-3	MO-MEI	matrix spike dup, rec	2/5/2016	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/5/2016	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-3	MO-SPA	matrix spike	2/5/2016	Metal	Zinc	Total	=	168	µg/L	EPA 200.8	0.94	5			
2015/16-3	MO-SPA	matrix spike, rec	2/5/2016	Metal	Zinc	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike dup	2/5/2016	Metal	Zinc	Total	=	167	µg/L	EPA 200.8	0.94	5			
2015/16-3	MO-SPA	matrix spike dup, rec	2/5/2016	Metal	Zinc	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2015/16-3	MO-SPA	matrix spike, RPD	2/5/2016	Metal	Zinc	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-3	Lab	LCS	2/5/2016	Nutrient	Ammonia as N	n/a	=	0.241	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	Lab	LCS	2/5/2016	Nutrient	Ammonia as N	n/a	=	0.244	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2015/16-3	Lab	LCS, rec	2/5/2016	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2015/16-3	Lab	method blank	2/5/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	Lab	method blank	2/5/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	Lab	LCS	2/10/2016	Nutrient	Ammonia as N	n/a	=	0.247	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	Lab	LCS, rec	2/10/2016	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2015/16-3	Lab	method blank	2/10/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	Lab	LCS	2/12/2016	Nutrient	Ammonia as N	n/a	=	0.251	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	Lab	LCS, rec	2/12/2016	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2015/16-3	Lab	method blank	2/12/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	ME-CC	matrix spike	2/5/2016	Nutrient	Ammonia as N	n/a	=	0.302	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	ME-CC	matrix spike dup	2/5/2016	Nutrient	Ammonia as N	n/a	=	0.303	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	ME-CC	matrix spike dup, rec	2/5/2016	Nutrient	Ammonia as N	n/a	=	90	%	EPA 350.1	-88	-88	90	110	
2015/16-3	ME-CC	matrix spike, rec	2/5/2016	Nutrient	Ammonia as N	n/a	=	90	%	EPA 350.1	-88	-88	90	110	
2015/16-3	ME-CC	matrix spike, RPD	2/5/2016	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2015/16-3	MO-HUE	matrix spike	2/5/2016	Nutrient	Ammonia as N	n/a	=	0.968	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	MO-HUE	matrix spike dup	2/5/2016	Nutrient	Ammonia as N	n/a	=	0.968	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	MO-HUE	matrix spike dup, rec	2/5/2016	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2015/16-3	MO-HUE	matrix spike, rec	2/5/2016	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2015/16-3	MO-HUE	matrix spike, RPD	2/5/2016	Nutrient	Ammonia as N	n/a	=	0.01	%	EPA 350.1	-88	-88	0	15	
2015/16-3	MO-OXN	matrix spike	2/10/2016	Nutrient	Ammonia as N	n/a	=	0.677	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	MO-OXN	matrix spike dup	2/10/2016	Nutrient	Ammonia as N	n/a	=	0.679	mg/L	EPA 350.1	0.048	0.1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/10/2016	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2015/16-3	MO-OXN	matrix spike, rec	2/10/2016	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2015/16-3	MO-OXN	matrix spike, RPD	2/10/2016	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2015/16-3	000NONPJ	matrix spike	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	6.07	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	000NONPJ	matrix spike, rec	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike dup	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	6.04	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike, RPD	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	5.88	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	000NONPJ	matrix spike, rec	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	000NONPJ	matrix spike dup	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	5.92	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike, RPD	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.7	%	EPA 353.2	-88	-88	0	20	
2015/16-3	Lab	method blank	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	Lab	LCS	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.999	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	Lab	LCS, rec	2/2/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2015/16-3	Lab	method blank	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	Lab	LCS	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.992	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	Lab	LCS, rec	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2015/16-3	ME-SCR	matrix spike	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.51	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	ME-SCR	matrix spike, rec	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	
2015/16-3	ME-SCR	matrix spike dup	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.5	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	ME-SCR	matrix spike dup, rec	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2015/16-3	ME-SCR	matrix spike, RPD	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.2	%	EPA 353.2	-88	-88	0	20	
2015/16-3	ME-VR2	matrix spike	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.37	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	ME-VR2	matrix spike, rec	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2015/16-3	ME-VR2	matrix spike dup	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.5	mg/L	EPA 353.2	0.01	0.1			
2015/16-3	ME-VR2	matrix spike dup, rec	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	
2015/16-3	ME-VR2	matrix spike, RPD	2/3/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	4	%	EPA 353.2	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/2/2016	Nutrient	Nitrate as N	n/a	=	6.07	mg/L	EPA 353.2	0.041	0.1			
2015/16-3	000NONPJ	matrix spike, rec	2/2/2016	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike dup	2/2/2016	Nutrient	Nitrate as N	n/a	=	6.04	mg/L	EPA 353.2	0.041	0.1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/2/2016	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike, RPD	2/2/2016	Nutrient	Nitrate as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/2/2016	Nutrient	Nitrate as N	n/a	=	5.88	mg/L	EPA 353.2	0.041	0.1			
2015/16-3	000NONPJ	matrix spike, rec	2/2/2016	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike dup	2/2/2016	Nutrient	Nitrate as N	n/a	=	5.92	mg/L	EPA 353.2	0.041	0.1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/2/2016	Nutrient	Nitrate as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike, RPD	2/2/2016	Nutrient	Nitrate as N	n/a	=	0.7	%	EPA 353.2	-88	-88	0	20	
2015/16-3	Lab	method blank	2/2/2016	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2015/16-3	Lab	LCS	2/2/2016	Nutrient	Nitrate as N	n/a	=	0.999	mg/L	EPA 353.2	0.041	0.1			
2015/16-3	Lab	LCS, rec	2/2/2016	Nutrient	Nitrate as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0.192	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	000NONPJ	matrix spike, rec	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 365.1	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike dup	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0.193	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	000NONPJ	matrix spike dup, rec	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 365.1	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike, RPD	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0.5	%	EPA 365.1	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike dup	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0.177	mg/L	EPA 365.1	0.0014	0.01			GB
2015/16-3	000NONPJ	matrix spike dup, rec	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	88	%	EPA 365.1	-88	-88	90	110	GB
2015/16-3	000NONPJ	matrix spike, RPD	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0	%	EPA 365.1	-88	-88	0	20	
2015/16-3	000NONPJ	lab duplicate	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0144	mg/L	EPA 365.1	0.0014	0.01		20	
2015/16-3	000NONPJ	matrix spike	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0.177	mg/L	EPA 365.1	0.0014	0.01			GB
2015/16-3	000NONPJ	matrix spike, rec	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	88	%	EPA 365.1	-88	-88	90	110	GB
2015/16-3	Lab	method blank	2/9/2016	Nutrient	Phosphorus as P	Dissolved	DNQ	0.0015	mg/L	EPA 365.1	0.0014	0.01			IP
2015/16-3	Lab	LCS	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0482	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	Lab	LCS, rec	2/9/2016	Nutrient	Phosphorus as P	Dissolved	=	96	%	EPA 365.1	-88	-88	90	110	
2015/16-3	Lab	method blank	2/11/2016	Nutrient	Phosphorus as P	Dissolved	DNQ	0.0026	mg/L	EPA 365.1	0.0014	0.01			IP

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	Lab	LCS	2/11/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0522	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2015/16-3	MO-HUE	matrix spike	2/11/2016	Nutrient	Phosphorus as P	Dissolved	=	0.122	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	MO-HUE	matrix spike, rec	2/11/2016	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	
2015/16-3	MO-HUE	matrix spike dup	2/11/2016	Nutrient	Phosphorus as P	Dissolved	=	0.122	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	MO-HUE	matrix spike dup, rec	2/11/2016	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	
2015/16-3	MO-HUE	matrix spike, RPD	2/11/2016	Nutrient	Phosphorus as P	Dissolved	=	0	%	EPA 365.1	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/8/2016	Nutrient	Phosphorus as P	Total	=	0.328	mg/L	EPA 365.1	0.0028	0.02			
2015/16-3	000NONPJ	matrix spike, rec	2/8/2016	Nutrient	Phosphorus as P	Total	=	94	%	EPA 365.1	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike dup	2/8/2016	Nutrient	Phosphorus as P	Total	=	0.336	mg/L	EPA 365.1	0.0028	0.02			
2015/16-3	000NONPJ	matrix spike dup, rec	2/8/2016	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike, RPD	2/8/2016	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	20	
2015/16-3	000NONPJ	lab duplicate	2/8/2016	Nutrient	Phosphorus as P	Total	=	0.126	mg/L	EPA 365.1	0.0014	0.01		20	
2015/16-3	000NONPJ	matrix spike	2/8/2016	Nutrient	Phosphorus as P	Total	=	2.42	mg/L	EPA 365.1	0.035	0.25			GB
2015/16-3	000NONPJ	matrix spike, rec	2/8/2016	Nutrient	Phosphorus as P	Total	=	85	%	EPA 365.1	-88	-88	90	110	GB
2015/16-3	000NONPJ	matrix spike dup	2/8/2016	Nutrient	Phosphorus as P	Total	=	2.38	mg/L	EPA 365.1	0.035	0.25			GB
2015/16-3	000NONPJ	matrix spike dup, rec	2/8/2016	Nutrient	Phosphorus as P	Total	=	68	%	EPA 365.1	-88	-88	90	110	GB
2015/16-3	000NONPJ	matrix spike, RPD	2/8/2016	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	20	
2015/16-3	000NONPJ	matrix spike	2/11/2016	Nutrient	Phosphorus as P	Total	=	0.457	mg/L	EPA 365.1	0.007	0.05			
2015/16-3	000NONPJ	matrix spike, rec	2/11/2016	Nutrient	Phosphorus as P	Total	=	95	%	EPA 365.1	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike dup	2/11/2016	Nutrient	Phosphorus as P	Total	=	0.46	mg/L	EPA 365.1	0.007	0.05			
2015/16-3	000NONPJ	matrix spike dup, rec	2/11/2016	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike, RPD	2/11/2016	Nutrient	Phosphorus as P	Total	=	0.5	%	EPA 365.1	-88	-88	0	20	
2015/16-3	Lab	method blank	2/8/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	Lab	LCS	2/8/2016	Nutrient	Phosphorus as P	Total	=	0.0487	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	Lab	LCS, rec	2/8/2016	Nutrient	Phosphorus as P	Total	=	97	%	EPA 365.1	-88	-88	90	110	
2015/16-3	Lab	method blank	2/8/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	Lab	LCS	2/8/2016	Nutrient	Phosphorus as P	Total	=	0.0494	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	Lab	LCS, rec	2/8/2016	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2015/16-3	Lab	method blank	2/11/2016	Nutrient	Phosphorus as P	Total	DNQ	0.0024	mg/L	EPA 365.1	0.0014	0.01			IP
2015/16-3	Lab	LCS	2/11/2016	Nutrient	Phosphorus as P	Total	=	0.0512	mg/L	EPA 365.1	0.0014	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike	2/9/2016	Nutrient	TKN	n/a	=	3.01	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	000NONPJ	matrix spike dup	2/9/2016	Nutrient	TKN	n/a	=	2.84	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/9/2016	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike, rec	2/9/2016	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2015/16-3	000NONPJ	matrix spike, RPD	2/9/2016	Nutrient	TKN	n/a	=	6	%	EPA 351.2	-88	-88	0	10	
2015/16-3	Lab	LCS	2/9/2016	Nutrient	TKN	n/a	=	0.92	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	Lab	LCS	2/9/2016	Nutrient	TKN	n/a	=	0.976	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	Lab	LCS, rec	2/9/2016	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2015/16-3	Lab	LCS, rec	2/9/2016	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2015/16-3	Lab	method blank	2/9/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	Lab	method blank	2/9/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	Lab	LCS	2/9/2016	Nutrient	TKN	n/a	=	0.999	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	Lab	LCS, rec	2/9/2016	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2015/16-3	Lab	method blank	2/9/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	ME-SCR	matrix spike	2/9/2016	Nutrient	TKN	n/a	=	1.31	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	
2015/16-3	ME-SCR	matrix spike dup	2/9/2016	Nutrient	TKN	n/a	=	1.33	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	ME-SCR	matrix spike dup, rec	2/9/2016	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2015/16-3	ME-SCR	matrix spike, rec	2/9/2016	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2015/16-3	ME-SCR	matrix spike, RPD	2/9/2016	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2015/16-3	MO-HUE	matrix spike	2/9/2016	Nutrient	TKN	n/a	=	3.52	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	MO-HUE	matrix spike dup	2/9/2016	Nutrient	TKN	n/a	=	3.66	mg/L	EPA 351.2	0.05	0.1			
2015/16-3	MO-HUE	matrix spike dup, rec	2/9/2016	Nutrient	TKN	n/a	=	109	%	EPA 351.2	-88	-88	90	110	
2015/16-3	MO-HUE	matrix spike, rec	2/9/2016	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2015/16-3	MO-HUE	matrix spike, RPD	2/9/2016	Nutrient	TKN	n/a	=	4	%	EPA 351.2	-88	-88	0	10	
2015/16-3	Lab	method blank	2/26/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	19.3	µg/L	EPA 625	0.55	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	44	142	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	21.5	µg/L	EPA 625	0.55	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	44	142	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	20.6	µg/L	EPA 625	0.55	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	44	142	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	1,2-Dichlorobenzene	n/a	=	17.2	µg/L	EPA 625	0.57	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	32	129	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	1,2-Dichlorobenzene	n/a	=	18.6	µg/L	EPA 625	0.57	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	1,2-Dichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	32	129	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	1,2-Dichlorobenzene	n/a	=	17.3	µg/L	EPA 625	0.57	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	1,2-Dichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	32	129	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	1,2-Dichlorobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	srgt LCS	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-3	Lab	srgt method blank	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51	µg/L	EPA 624	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-3	ME-CC	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2015/16-3	ME-CC	srgt matrix spike	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2015/16-3	ME-CC	srgt matrix spike, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-3	ME-CC	srgt matrix spike dup	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2015/16-3	ME-CC	srgt matrix spike dup, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-3	ME-SCR	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-3	ME-VR2	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.8	µg/L	EPA 624	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-CAM	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-FIL	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-HUE	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-MEI	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	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	
2015/16-3	MO-MPK	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-OJA	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-OXN	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-SIM	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-SPA	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51	µg/L	EPA 624	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-THO	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-THO	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-3	MO-VEN	srgt environ	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/2/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-3	Lab	method blank	2/26/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-3	Lab	method blank	2/26/2016	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	1,3-Dichlorobenzene	n/a	=	17.5	µg/L	EPA 625	0.53	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	172	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	1,3-Dichlorobenzene	n/a	=	19.3	µg/L	EPA 625	0.53	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	1,3-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	0.1	172	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	1,3-Dichlorobenzene	n/a	=	18.3	µg/L	EPA 625	0.53	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	172	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	1,3-Dichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	srgt method blank	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.467	µg/L	EPA 525.2m	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	Lab	srgt LCS	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.464	µg/L	EPA 525.2m	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	Lab	srgt method blank	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.463	µg/L	EPA 525.2m	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	Lab	srgt LCS	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.469	µg/L	EPA 525.2m	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	Lab	srgt method blank	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2015/16-3	Lab	srgt LCS	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2015/16-3	Lab	srgt method blank	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt method blank, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2015/16-3	Lab	srgt LCS	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt LCS, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	138	
2015/16-3	ME-CC	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.455	µg/L	EPA 525.2m	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	ME-CC	srgt environ	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.77	µg/L	EPA 525.2	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	138	
2015/16-3	ME-SCR	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.437	µg/L	EPA 525.2m	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 525.2m	-88	-88	76	128	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	ME-SCR	srgt environ	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2015/16-3	ME-VR2	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.46	µg/L	EPA 525.2m	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	ME-VR2	srgt environ	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.33	µg/L	EPA 525.2	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-CAM	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.484	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-CAM	srgt environ	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.67	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-FIL	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.483	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-FIL	srgt environ	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.61	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-HUE	srgt environ	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.443	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-HUE	srgt environ	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.3	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-MEI	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.463	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-MEI	srgt matrix spike	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-MEI	srgt matrix spike, rec	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-MEI	srgt matrix spike dup	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.24	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-MEI	srgt matrix spike dup, rec	2/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-MEI	srgt environ	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.89	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	118	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-MPK	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.499	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-MPK	srgt environ	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-OJA	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.46	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-OJA	srgt environ	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.48	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-oxn	srgt matrix spike	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.548	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-oxn	srgt matrix spike, rec	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-oxn	srgt matrix spike dup	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.432	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-oxn	srgt matrix spike dup, rec	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-oxn	srgt environ	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.471	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-oxn	srgt environ, rec	2/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-oxn	srgt environ	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-oxn	srgt environ, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-SIM	srgt matrix spike	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.452	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-SIM	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.458	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-SIM	srgt matrix spike dup	2/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.612	µg/L	EPA 525.2m	-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	
2015/16-3	MO-SIM	srgt matrix spike dup, rec	2/8/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	122	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-SIM	srgt environ	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.43	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-SPA	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.481	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-SPA	srgt environ	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.37	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-THO	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.47	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-THO	srgt environ	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	3/2/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2015/16-3	MO-VEN	srgt environ	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.503	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/4/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2m	-88	-88	76	128	
2015/16-3	MO-VEN	srgt environ	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.84	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/27/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	%	EPA 525.2	-88	-88	73	138	
2015/16-3	Lab	method blank	2/26/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	1,4-Dichlorobenzene	n/a	=	18.5	µg/L	EPA 625	0.55	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	1,4-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	20	124	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	1,4-Dichlorobenzene	n/a	=	20.4	µg/L	EPA 625	0.55	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	1,4-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	20	124	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	1,4-Dichlorobenzene	n/a	=	19.2	µg/L	EPA 625	0.55	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	1,4-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	20	124	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	1,4-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	method blank	2/24/2016	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2015/16-3	Lab	srgt method blank	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	5.84	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 8270C	-88	-88	26	117	
2015/16-3	Lab	srgt LCS	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.18	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2015/16-3	Lab	srgt method blank	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	32.2	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	25	102	
2015/16-3	Lab	srgt LCS	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	38.3	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625	-88	-88	25	102	
2015/16-3	ME-CC	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	5.94	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 8270C	-88	-88	26	117	
2015/16-3	ME-CC	srgt environ	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	38.1	µg/L	EPA 625	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	25	102	
2015/16-3	ME-SCR	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.64	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270C	-88	-88	26	117	
2015/16-3	ME-SCR	srgt environ	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	38.9	µg/L	EPA 625	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	25	102	
2015/16-3	ME-VR2	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.54	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 8270C	-88	-88	26	117	
2015/16-3	ME-VR2	srgt environ	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	34.4	µg/L	EPA 625	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-CAM	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	11.1	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	111	%	EPA 8270C	-88	-88	26	117	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-CAM	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	31.1	µg/L	EPA 625	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-FIL	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.48	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 8270C	-88	-88	26	117	
2015/16-3	MO-FIL	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	33.7	µg/L	EPA 625	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-HUE	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.78	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 8270C	-88	-88	26	117	
2015/16-3	MO-HUE	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	38.9	µg/L	EPA 625	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-MEI	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	10.1	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	101	%	EPA 8270C	-88	-88	26	117	
2015/16-3	MO-MEI	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	36.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-MPK	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.37	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 8270C	-88	-88	26	117	
2015/16-3	MO-MPK	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	40.9	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-OJA	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.97	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2015/16-3	MO-OJA	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	38.4	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-OXN	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	12.6	µg/L	EPA 8270C	-88	-88			GN
2015/16-3	MO-OXN	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	126	%	EPA 8270C	-88	-88	26	117	GN
2015/16-3	MO-OXN	srgt matrix spike	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	42.7	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike, rec	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-OXN	srgt matrix spike dup	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	42.5	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike dup, rec	2/26/2016	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-OXN	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	47.8	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-SIM	srgt matrix spike	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	11.6	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	116	%	EPA 8270C	-88	-88	26	117	
2015/16-3	MO-SIM	srgt matrix spike dup	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	12.5	µg/L	EPA 8270C	-88	-88			GN
2015/16-3	MO-SIM	srgt matrix spike dup, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	125	%	EPA 8270C	-88	-88	26	117	GN
2015/16-3	MO-SIM	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	11.4	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	114	%	EPA 8270C	-88	-88	26	117	
2015/16-3	MO-SIM	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	40.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-SPA	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.68	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 8270C	-88	-88	26	117	
2015/16-3	MO-SPA	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	41.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-THO	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.75	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 8270C	-88	-88	26	117	
2015/16-3	MO-THO	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	39.8	µg/L	EPA 625	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2015/16-3	MO-VEN	srgt environ	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.46	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-VEN	srgt environ, rec	2/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 8270C	-88	-88	26	117	
2015/16-3	MO-VEN	srgt environ	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	51	µg/L	EPA 625	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	102	%	EPA 625	-88	-88	25	102	
2015/16-3	Lab	method blank	2/24/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-3	Lab	LCS	2/24/2016	Organic	2,4,6-Trichlorophenol	n/a	=	6	µg/L	EPA 8270C	0.3	1			
2015/16-3	Lab	LCS, rec	2/24/2016	Organic	2,4,6-Trichlorophenol	n/a	=	60	%	EPA 8270C	-88	-88	30	115	
2015/16-3	Lab	method blank	2/26/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	2,4,6-Trichlorophenol	n/a	=	21.3	µg/L	EPA 625	0.22	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 625	-88	-88	37	144	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	2,4,6-Trichlorophenol	n/a	=	25.8	µg/L	EPA 625	0.22	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	2,4,6-Trichlorophenol	n/a	=	98	%	EPA 625	-88	-88	37	144	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	2,4,6-Trichlorophenol	n/a	=	25.9	µg/L	EPA 625	0.22	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	2,4,6-Trichlorophenol	n/a	=	99	%	EPA 625	-88	-88	37	144	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	2,4,6-Trichlorophenol	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/24/2016	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2015/16-3	Lab	LCS	2/24/2016	Organic	2,4-Dichlorophenol	n/a	=	5.85	µg/L	EPA 8270C	0.51	1			
2015/16-3	Lab	LCS, rec	2/24/2016	Organic	2,4-Dichlorophenol	n/a	=	58	%	EPA 8270C	-88	-88	32	105	
2015/16-3	Lab	method blank	2/26/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	2,4-Dichlorophenol	n/a	=	20.4	µg/L	EPA 625	0.26	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 625	-88	-88	39	135	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	2,4-Dichlorophenol	n/a	=	24.2	µg/L	EPA 625	0.26	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	2,4-Dichlorophenol	n/a	=	92	%	EPA 625	-88	-88	39	135	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	2,4-Dichlorophenol	n/a	=	23.6	µg/L	EPA 625	0.26	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	2,4-Dichlorophenol	n/a	=	90	%	EPA 625	-88	-88	39	135	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	2,4-Dichlorophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-3	000NONPJ	srgt matrix spike	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.6	µg/L	EPA 515.3	-88	-88			
2015/16-3	000NONPJ	srgt matrix spike, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	srgt matrix spike dup	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.47	µg/L	EPA 515.3	-88	-88			
2015/16-3	000NONPJ	srgt matrix spike dup, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	srgt matrix spike	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2015/16-3	000NONPJ	srgt matrix spike, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	srgt matrix spike dup	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2015/16-3	000NONPJ	srgt matrix spike dup, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	srgt method blank	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.39	µg/L	EPA 515.3	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	srgt LCS	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-3	ME-CC	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.86	µg/L	EPA 515.3	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-3	ME-SCR	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.76	µg/L	EPA 515.3	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-3	ME-VR2	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.47	µg/L	EPA 515.3	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-3	MO-CAM	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.14	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2015/16-3	MO-FIL	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.69	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	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	
2015/16-3	MO-HUE	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.44	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-3	MO-MEI	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.99	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-3	MO-MPK	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.98	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-3	MO-OJA	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.54	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-3	MO-OXN	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.51	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-3	MO-SIM	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.59	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-3	MO-SPA	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-3	MO-THO	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.62	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-3	MO-VEN	srgt environ	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.88	µg/L	EPA 515.3	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/5/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	method blank	2/24/2016	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-3	Lab	LCS	2/24/2016	Organic	2,4-Dimethylphenol	n/a	=	3.91	µg/L	EPA 8270C	1	2			
2015/16-3	Lab	LCS, rec	2/24/2016	Organic	2,4-Dimethylphenol	n/a	=	39	%	EPA 8270C	-88	-88	31	97	
2015/16-3	Lab	method blank	2/26/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	2,4-Dimethylphenol	n/a	=	19	µg/L	EPA 625	0.3	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	2,4-Dimethylphenol	n/a	=	76	%	EPA 625	-88	-88	32	119	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	2,4-Dimethylphenol	n/a	=	23.7	µg/L	EPA 625	0.3	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	2,4-Dimethylphenol	n/a	=	90	%	EPA 625	-88	-88	32	119	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	2,4-Dimethylphenol	n/a	=	23	µg/L	EPA 625	0.3	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	2,4-Dimethylphenol	n/a	=	87	%	EPA 625	-88	-88	32	119	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	2,4-Dimethylphenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/24/2016	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-3	Lab	LCS	2/24/2016	Organic	2,4-Dinitrophenol	n/a	=	7.51	µg/L	EPA 8270C	1	2			
2015/16-3	Lab	LCS, rec	2/24/2016	Organic	2,4-Dinitrophenol	n/a	=	75	%	EPA 8270C	-88	-88	7	155	
2015/16-3	Lab	method blank	2/26/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-3	Lab	LCS	2/26/2016	Organic	2,4-Dinitrophenol	n/a	=	22.8	µg/L	EPA 625	1.6	10			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	2,4-Dinitrophenol	n/a	=	91	%	EPA 625	-88	-88	0.1	191	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	2,4-Dinitrophenol	n/a	=	26.4	µg/L	EPA 625	1.6	10			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	2,4-Dinitrophenol	n/a	=	100	%	EPA 625	-88	-88	0.1	191	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	2,4-Dinitrophenol	n/a	=	27.6	µg/L	EPA 625	1.6	10			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	2,4-Dinitrophenol	n/a	=	105	%	EPA 625	-88	-88	0.1	191	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	2,4-Dinitrophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	2,4-Dinitrotoluene	n/a	=	20.4	µg/L	EPA 625	0.18	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	2,4-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	39	139	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	2,4-Dinitrotoluene	n/a	=	21	µg/L	EPA 625	0.18	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	2,4-Dinitrotoluene	n/a	=	80	%	EPA 625	-88	-88	39	139	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	2,4-Dinitrotoluene	n/a	=	21.1	µg/L	EPA 625	0.18	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	2,4-Dinitrotoluene	n/a	=	80	%	EPA 625	-88	-88	39	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	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	2,4-Dinitrotoluene	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	2,6-Dinitrotoluene	n/a	=	20.7	µg/L	EPA 625	0.27	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	2,6-Dinitrotoluene	n/a	=	83	%	EPA 625	-88	-88	50	158	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	2,6-Dinitrotoluene	n/a	=	24.5	µg/L	EPA 625	0.27	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	2,6-Dinitrotoluene	n/a	=	93	%	EPA 625	-88	-88	50	158	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	2,6-Dinitrotoluene	n/a	=	25.1	µg/L	EPA 625	0.27	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	2,6-Dinitrotoluene	n/a	=	96	%	EPA 625	-88	-88	50	158	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	LCS	2/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	43.8	µg/L	EPA 624	0.28	1			
2015/16-3	Lab	LCS, rec	2/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	88	%	EPA 624	-88	-88	0.1	305	
2015/16-3	Lab	method blank	2/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2015/16-3	ME-CC	matrix spike	2/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	39.6	µg/L	EPA 624	0.28	1			
2015/16-3	ME-CC	matrix spike, rec	2/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	79	%	EPA 624	-88	-88	0.1	305	
2015/16-3	ME-CC	matrix spike dup	2/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	40.6	µg/L	EPA 624	0.28	1			
2015/16-3	ME-CC	matrix spike dup, rec	2/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	81	%	EPA 624	-88	-88	0.1	305	
2015/16-3	ME-CC	matrix spike, RPD	2/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	3	%	EPA 624	-88	-88	0	25	
2015/16-3	MO-THO	field duplicate	2/2/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2015/16-3	Lab	method blank	2/26/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	2-Chloronaphthalene	n/a	=	18.8	µg/L	EPA 625	0.45	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	2-Chloronaphthalene	n/a	=	75	%	EPA 625	-88	-88	60	118	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	2-Chloronaphthalene	n/a	=	21	µg/L	EPA 625	0.45	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	2-Chloronaphthalene	n/a	=	80	%	EPA 625	-88	-88	60	118	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	2-Chloronaphthalene	n/a	=	20.9	µg/L	EPA 625	0.45	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	2-Chloronaphthalene	n/a	=	79	%	EPA 625	-88	-88	60	118	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	2-Chloronaphthalene	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/24/2016	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2015/16-3	Lab	LCS	2/24/2016	Organic	2-Chlorophenol	n/a	=	6.06	µg/L	EPA 8270C	0.65	1			
2015/16-3	Lab	LCS, rec	2/24/2016	Organic	2-Chlorophenol	n/a	=	61	%	EPA 8270C	-88	-88	27	90	
2015/16-3	Lab	method blank	2/26/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	2-Chlorophenol	n/a	=	18.4	µg/L	EPA 625	0.28	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625	-88	-88	23	134	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	2-Chlorophenol	n/a	=	20.3	µg/L	EPA 625	0.28	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	2-Chlorophenol	n/a	=	77	%	EPA 625	-88	-88	23	134	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	2-Chlorophenol	n/a	=	19.5	µg/L	EPA 625	0.28	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625	-88	-88	23	134	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	2-Chlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/24/2016	Organic	2-Chlorophenol	n/a	DNQ	8.5	µg/L	EPA 8270C	6.5	10			
2015/16-3	MO-SIM	matrix spike, rec	2/24/2016	Organic	2-Chlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	12	106	
2015/16-3	MO-SIM	matrix spike dup	2/24/2016	Organic	2-Chlorophenol	n/a	DNQ	8.2	µg/L	EPA 8270C	6.5	10			
2015/16-3	MO-SIM	matrix spike dup, rec	2/24/2016	Organic	2-Chlorophenol	n/a	=	82	%	EPA 8270C	-88	-88	12	106	
2015/16-3	MO-SIM	matrix spike, RPD	2/24/2016	Organic	2-Chlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	srgt method blank	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	3.29	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2015/16-3	Lab	srgt LCS	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	3.23	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2015/16-3	Lab	srgt method blank	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	16.5	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	
2015/16-3	Lab	srgt method blank, rec	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2015/16-3	Lab	srgt LCS	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	107	
2015/16-3	ME-CC	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	2.55	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 8270C	-88	-88	51	139	
2015/16-3	ME-CC	srgt environ	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	107	
2015/16-3	ME-SCR	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	3.66	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2015/16-3	ME-SCR	srgt environ	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	107	
2015/16-3	ME-VR2	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	2.56	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 8270C	-88	-88	51	139	
2015/16-3	ME-VR2	srgt environ	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	14.8	µg/L	EPA 625	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-CAM	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	4.72	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	94	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-CAM	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	15.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-FIL	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	3.74	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-FIL	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	15	µg/L	EPA 625	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-HUE	srgt environ	2/24/2016	Organic	2-Fluorobiphenyl	n/a	=	4.29	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/24/2016	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-HUE	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 625	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-MEI	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	4.1	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-MEI	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-MPK	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	3.86	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-MPK	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-OJA	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	3.86	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-OJA	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-OXN	srgt environ	2/24/2016	Organic	2-Fluorobiphenyl	n/a	=	5.19	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/24/2016	Organic	2-Fluorobiphenyl	n/a	=	104	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-OXN	srgt matrix spike	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	17.8	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike, rec	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-OXN	srgt matrix spike dup	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	17.8	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike dup, rec	2/26/2016	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-OXN	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625	-88	-88	22	107	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-SIM	srgt matrix spike	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	4.64	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-SIM	srgt matrix spike dup	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	4.73	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike dup, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	95	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-SIM	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	4.67	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-SIM	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-SPA	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	3.93	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-SPA	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-THO	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	3.73	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-THO	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	17.8	µg/L	EPA 625	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	22	107	
2015/16-3	MO-VEN	srgt environ	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	3.93	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/23/2016	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2015/16-3	MO-VEN	srgt environ	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/27/2016	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625	-88	-88	22	107	
2015/16-3	Lab	srgt method blank	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.24	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2015/16-3	Lab	srgt LCS	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.12	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2015/16-3	Lab	srgt method blank	2/26/2016	Organic	2-Fluorophenol	n/a	=	22.9	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/26/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2015/16-3	Lab	srgt LCS	2/26/2016	Organic	2-Fluorophenol	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/26/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2015/16-3	ME-CC	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.19	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2015/16-3	ME-CC	srgt environ	2/26/2016	Organic	2-Fluorophenol	n/a	=	20.5	µg/L	EPA 625	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/26/2016	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2015/16-3	ME-SCR	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.4	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2015/16-3	ME-SCR	srgt environ	2/26/2016	Organic	2-Fluorophenol	n/a	=	24.2	µg/L	EPA 625	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/26/2016	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	3	74	
2015/16-3	ME-VR2	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	3.76	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2015/16-3	ME-VR2	srgt environ	2/26/2016	Organic	2-Fluorophenol	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/26/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-CAM	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	5.65	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	56	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-CAM	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	15.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-FIL	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.56	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-FIL	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	18.9	µg/L	EPA 625	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-FIL	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-HUE	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.95	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-HUE	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-MEI	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.89	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-MEI	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	20.4	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-MPK	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.59	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-MPK	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-OJA	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.82	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	48	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-OJA	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-OXN	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	5.75	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	58	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-OXN	srgt matrix spike	2/26/2016	Organic	2-Fluorophenol	n/a	=	21.9	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike, rec	2/26/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-OXN	srgt matrix spike dup	2/26/2016	Organic	2-Fluorophenol	n/a	=	21.9	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike dup, rec	2/26/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-OXN	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	25	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-SIM	srgt matrix spike	2/24/2016	Organic	2-Fluorophenol	n/a	=	5.8	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	58	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-SIM	srgt matrix spike dup	2/24/2016	Organic	2-Fluorophenol	n/a	=	5.7	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike dup, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	57	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-SIM	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	6.4	µg/L	EPA 8270C	-88	-88			GN
2015/16-3	MO-SIM	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	64	%	EPA 8270C	-88	-88	11	62	GN
2015/16-3	MO-SIM	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	22.2	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-SPA	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.62	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-SPA	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-THO	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.65	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-THO	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	23	µg/L	EPA 625	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2015/16-3	MO-VEN	srgt environ	2/24/2016	Organic	2-Fluorophenol	n/a	=	4.35	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/24/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2015/16-3	MO-VEN	srgt environ	2/27/2016	Organic	2-Fluorophenol	n/a	=	28.2	µg/L	EPA 625	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/27/2016	Organic	2-Fluorophenol	n/a	=	56	%	EPA 625	-88	-88	3	74	
2015/16-3	Lab	method blank	2/23/2016	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	method blank	2/24/2016	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	Lab	method blank	2/24/2016	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2015/16-3	Lab	LCS	2/24/2016	Organic	2-Nitrophenol	n/a	=	5.96	µg/L	EPA 8270C	0.71	1			
2015/16-3	Lab	LCS, rec	2/24/2016	Organic	2-Nitrophenol	n/a	=	60	%	EPA 8270C	-88	-88	33	103	
2015/16-3	Lab	method blank	2/26/2016	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	2-Nitrophenol	n/a	=	19.9	µg/L	EPA 625	0.26	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	2-Nitrophenol	n/a	=	79	%	EPA 625	-88	-88	29	182	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	2-Nitrophenol	n/a	=	22.6	µg/L	EPA 625	0.26	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	2-Nitrophenol	n/a	=	86	%	EPA 625	-88	-88	29	182	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	2-Nitrophenol	n/a	=	21.7	µg/L	EPA 625	0.26	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	2-Nitrophenol	n/a	=	82	%	EPA 625	-88	-88	29	182	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	2-Nitrophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-3	Lab	LCS	2/26/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	12.4	µg/L	EPA 625	1.2	5			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	49	%	EPA 625	-88	-88	0.1	262	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/24/2016	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-3	Lab	method blank	2/24/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2015/16-3	Lab	LCS	2/24/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8.02	µg/L	EPA 8270C	0.14	1			
2015/16-3	Lab	LCS, rec	2/24/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	80	%	EPA 8270C	-88	-88	33	118	
2015/16-3	Lab	method blank	2/26/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-3	Lab	LCS	2/26/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.8	µg/L	EPA 625	1.7	5			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 625	-88	-88	0.1	181	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.8	µg/L	EPA 625	1.7	5			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 625	-88	-88	0.1	181	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	24.6	µg/L	EPA 625	1.7	5			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 625	-88	-88	0.1	181	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	srgt LCS	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-3	Lab	srgt method blank	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2015/16-3	Lab	srgt LCS	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8015B	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8015B	-88	-88	72	124	
2015/16-3	Lab	srgt LCS dup	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2015/16-3	Lab	srgt LCS dup, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2015/16-3	Lab	srgt method blank	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-3	Lab	srgt LCS	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	36	µg/L	EPA 8015B	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	72	%	EPA 8015B	-88	-88	72	124	
2015/16-3	Lab	srgt LCS dup	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	39	µg/L	EPA 8015B	-88	-88			
2015/16-3	Lab	srgt LCS dup, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	78	%	EPA 8015B	-88	-88	72	124	
2015/16-3	Lab	srgt method blank	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015B	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015B	-88	-88	72	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	
2015/16-3	ME-CC	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 624	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-3	ME-CC	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	45	µg/L	EPA 8015B	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 8015B	-88	-88	72	124	
2015/16-3	ME-CC	srgt matrix spike	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-3	ME-CC	srgt matrix spike, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-3	ME-CC	srgt matrix spike dup	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2015/16-3	ME-CC	srgt matrix spike dup, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2015/16-3	ME-SCR	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-3	ME-SCR	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015B	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015B	-88	-88	72	124	
2015/16-3	ME-VR2	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	EPA 624	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624	-88	-88	88	108	
2015/16-3	ME-VR2	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	42	µg/L	EPA 8015B	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-CAM	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-CAM	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-FIL	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-FIL	srgt environ	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	45	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-HUE	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	48.7	µg/L	EPA 624	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-HUE	srgt environ	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-MEI	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-MEI	srgt environ	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	45	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-MPK	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-MPK	srgt environ	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-OJA	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	48.6	µg/L	EPA 624	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-OJA	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-OXN	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-OXN	srgt environ	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-SIM	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-SIM	srgt environ	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	36	µg/L	EPA 8015B	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-SIM	srgt environ, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	72	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-SPA	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 624	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-SPA	srgt environ	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	42	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-THO	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-THO	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-THO	srgt environ	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-THO	srgt environ	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	39	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	78	%	EPA 8015B	-88	-88	72	124	
2015/16-3	MO-VEN	srgt environ	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/2/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-3	MO-VEN	srgt environ	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	44	µg/L	EPA 8015B	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/3/2016	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 8015B	-88	-88	72	124	
2015/16-3	Lab	method blank	2/26/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	18.6	µg/L	EPA 625	0.36	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	75	%	EPA 625	-88	-88	53	127	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	19.4	µg/L	EPA 625	0.36	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	74	%	EPA 625	-88	-88	53	127	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	19	µg/L	EPA 625	0.36	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	72	%	EPA 625	-88	-88	53	127	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/24/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2015/16-3	Lab	LCS	2/24/2016	Organic	4-Chloro-3-methylphenol	n/a	=	5.71	µg/L	EPA 8270C	0.37	1			
2015/16-3	Lab	LCS, rec	2/24/2016	Organic	4-Chloro-3-methylphenol	n/a	=	57	%	EPA 8270C	-88	-88	29	108	
2015/16-3	Lab	method blank	2/26/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	4-Chloro-3-methylphenol	n/a	=	21.4	µg/L	EPA 625	0.23	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	4-Chloro-3-methylphenol	n/a	=	86	%	EPA 625	-88	-88	22	147	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	4-Chloro-3-methylphenol	n/a	=	23.9	µg/L	EPA 625	0.23	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	4-Chloro-3-methylphenol	n/a	=	91	%	EPA 625	-88	-88	22	147	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	4-Chloro-3-methylphenol	n/a	=	24.5	µg/L	EPA 625	0.23	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	4-Chloro-3-methylphenol	n/a	=	93	%	EPA 625	-88	-88	22	147	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/24/2016	Organic	4-Chloro-3-methylphenol	n/a	DNQ	9.5	µg/L	EPA 8270C	3.7	10			
2015/16-3	MO-SIM	matrix spike, rec	2/24/2016	Organic	4-Chloro-3-methylphenol	n/a	=	95	%	EPA 8270C	-88	-88	9	127	
2015/16-3	MO-SIM	matrix spike dup	2/24/2016	Organic	4-Chloro-3-methylphenol	n/a	DNQ	9.6	µg/L	EPA 8270C	3.7	10			
2015/16-3	MO-SIM	matrix spike dup, rec	2/24/2016	Organic	4-Chloro-3-methylphenol	n/a	=	96	%	EPA 8270C	-88	-88	9	127	
2015/16-3	MO-SIM	matrix spike, RPD	2/24/2016	Organic	4-Chloro-3-methylphenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	20	µg/L	EPA 625	0.41	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	25	158	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	21.5	µg/L	EPA 625	0.41	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	25	158	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	21.1	µg/L	EPA 625	0.41	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	25	158	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/24/2016	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-3	Lab	LCS	2/24/2016	Organic	4-Nitrophenol	n/a	=	4.08	µg/L	EPA 8270C	1	2			
2015/16-3	Lab	LCS, rec	2/24/2016	Organic	4-Nitrophenol	n/a	=	41	%	EPA 8270C	-88	-88	6	46	
2015/16-3	Lab	method blank	2/26/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-3	Lab	LCS	2/26/2016	Organic	4-Nitrophenol	n/a	=	7.58	µg/L	EPA 625	0.45	5			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	4-Nitrophenol	n/a	=	30	%	EPA 625	-88	-88	0.1	132	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	4-Nitrophenol	n/a	=	8.69	µg/L	EPA 625	0.45	5			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625	-88	-88	0.1	132	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	4-Nitrophenol	n/a	=	10.3	µg/L	EPA 625	0.45	5			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	4-Nitrophenol	n/a	=	39	%	EPA 625	-88	-88	0.1	132	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	4-Nitrophenol	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/24/2016	Organic	4-Nitrophenol	n/a	DNQ	9.2	µg/L	EPA 8270C	0	20			GB
2015/16-3	MO-SIM	matrix spike, rec	2/24/2016	Organic	4-Nitrophenol	n/a	=	92	%	EPA 8270C	-88	-88	0.1	77	GB
2015/16-3	MO-SIM	matrix spike dup	2/24/2016	Organic	4-Nitrophenol	n/a	DNQ	9.5	µg/L	EPA 8270C	0	20			GB,IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/24/2016	Organic	4-Nitrophenol	n/a	=	95	%	EPA 8270C	-88	-88	0.1	77	GB,IL
2015/16-3	MO-SIM	matrix spike, RPD	2/24/2016	Organic	4-Nitrophenol	n/a	=	200	%	EPA 8270C	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/23/2016	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Acenaphthene	n/a	=	6.81	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Acenaphthene	n/a	=	68	%	EPA 8270C	-88	-88	11	122	
2015/16-3	Lab	method blank	2/26/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Acenaphthene	n/a	=	20.1	µg/L	EPA 625	0.38	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Acenaphthene	n/a	=	80	%	EPA 625	-88	-88	47	145	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Acenaphthene	n/a	=	21.9	µg/L	EPA 625	0.38	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Acenaphthene	n/a	=	83	%	EPA 625	-88	-88	47	145	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Acenaphthene	n/a	=	21.1	µg/L	EPA 625	0.38	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Acenaphthene	n/a	=	80	%	EPA 625	-88	-88	47	145	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Acenaphthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Acenaphthene	n/a	=	11.8	µg/L	EPA 8270C	1	1			GB
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Acenaphthene	n/a	=	118	%	EPA 8270C	-88	-88	16	116	GB
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Acenaphthene	n/a	=	11.3	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Acenaphthene	n/a	=	113	%	EPA 8270C	-88	-88	16	116	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Acenaphthene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Acenaphthylene	n/a	=	6.26	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Acenaphthylene	n/a	=	63	%	EPA 8270C	-88	-88	4	135	
2015/16-3	Lab	method blank	2/26/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Acenaphthylene	n/a	=	22	µg/L	EPA 625	0.4	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Acenaphthylene	n/a	=	88	%	EPA 625	-88	-88	33	145	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Acenaphthylene	n/a	=	24.2	µg/L	EPA 625	0.4	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Acenaphthylene	n/a	=	92	%	EPA 625	-88	-88	33	145	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Acenaphthylene	n/a	=	24.3	µg/L	EPA 625	0.4	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Acenaphthylene	n/a	=	92	%	EPA 625	-88	-88	33	145	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Acenaphthylene	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Acenaphthylene	n/a	=	9.41	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Acenaphthylene	n/a	=	94	%	EPA 8270C	-88	-88	23	106	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Acenaphthylene	n/a	=	10.1	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Acenaphthylene	n/a	=	101	%	EPA 8270C	-88	-88	23	106	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Acenaphthylene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Anthracene	n/a	=	7.55	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Anthracene	n/a	=	76	%	EPA 8270C	-88	-88	22	127	
2015/16-3	Lab	method blank	2/26/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Anthracene	n/a	=	21.3	µg/L	EPA 625	0.34	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Anthracene	n/a	=	85	%	EPA 625	-88	-88	27	133	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Anthracene	n/a	=	22.7	µg/L	EPA 625	0.34	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Anthracene	n/a	=	86	%	EPA 625	-88	-88	27	133	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Anthracene	n/a	=	21.9	µg/L	EPA 625	0.34	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Anthracene	n/a	=	83	%	EPA 625	-88	-88	27	133	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Anthracene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Anthracene	n/a	=	11.5	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Anthracene	n/a	=	115	%	EPA 8270C	-88	-88	5	147	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Anthracene	n/a	=	11.6	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Anthracene	n/a	=	116	%	EPA 8270C	-88	-88	5	147	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Anthracene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Benz(a)anthracene	n/a	=	7.66	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Benz(a)anthracene	n/a	=	77	%	EPA 8270C	-88	-88	17	131	
2015/16-3	Lab	method blank	2/26/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Benz(a)anthracene	n/a	=	18.5	µg/L	EPA 625	0.19	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Benz(a)anthracene	n/a	=	74	%	EPA 625	-88	-88	33	143	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Benz(a)anthracene	n/a	=	19.8	µg/L	EPA 625	0.19	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Benz(a)anthracene	n/a	=	75	%	EPA 625	-88	-88	33	143	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Benz(a)anthracene	n/a	=	19.6	µg/L	EPA 625	0.19	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Benz(a)anthracene	n/a	=	74	%	EPA 625	-88	-88	33	143	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Benz(a)anthracene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Benz(a)anthracene	n/a	=	12.2	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Benz(a)anthracene	n/a	=	122	%	EPA 8270C	-88	-88	1	140	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Benz(a)anthracene	n/a	=	12.1	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Benz(a)anthracene	n/a	=	121	%	EPA 8270C	-88	-88	1	140	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Benz(a)anthracene	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Benididine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2015/16-3	Lab	method blank	2/23/2016	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Benzo(a)pyrene	n/a	=	7.43	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Benzo(a)pyrene	n/a	=	74	%	EPA 8270C	-88	-88	12	131	
2015/16-3	Lab	method blank	2/26/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	20.7	µg/L	EPA 625	0.13	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	83	%	EPA 625	-88	-88	17	163	
2015/16-3	Lab	method blank	2/26/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	3.75	µg/L	EPA 525.2	0.07	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	75	%	EPA 525.2	-88	-88	40	147	
2015/16-3	Lab	method blank	3/2/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-3	Lab	LCS	3/2/2016	Organic	Benzo(a)pyrene	n/a	=	1.74	µg/L	EPA 525.2	0.07	0.1			EUM

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	Lab	LCS, rec	3/2/2016	Organic	Benzo(a)pyrene	n/a	=	35	%	EPA 525.2	-88	-88	40	147	EUM
2015/16-3	MO-MEI	matrix spike	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	1.87	µg/L	EPA 525.2	0.07	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	37	%	EPA 525.2	-88	-88	12	148	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	1.93	µg/L	EPA 525.2	0.07	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	39	%	EPA 525.2	-88	-88	12	148	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	17.3	µg/L	EPA 625	0.13	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	66	%	EPA 625	-88	-88	17	163	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	13.7	µg/L	EPA 625	0.13	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	52	%	EPA 625	-88	-88	17	163	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Benzo(a)pyrene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Benzo(a)pyrene	n/a	=	10.9	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Benzo(a)pyrene	n/a	=	109	%	EPA 8270C	-88	-88	20	109	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Benzo(a)pyrene	n/a	=	9.59	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 8270C	-88	-88	20	109	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Benzo(a)pyrene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Benzo(b)fluoranthene	n/a	=	7.52	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Benzo(b)fluoranthene	n/a	=	75	%	EPA 8270C	-88	-88	19	129	
2015/16-3	Lab	method blank	2/26/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	20.6	µg/L	EPA 625	0.14	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	82	%	EPA 625	-88	-88	24	159	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	20.2	µg/L	EPA 625	0.14	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	77	%	EPA 625	-88	-88	24	159	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	16.4	µg/L	EPA 625	0.14	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	62	%	EPA 625	-88	-88	24	159	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	21	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Benzo(b)fluoranthene	n/a	=	11.1	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Benzo(b)fluoranthene	n/a	=	111	%	EPA 8270C	-88	-88	19	119	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Benzo(b)fluoranthene	n/a	=	9.83	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Benzo(b)fluoranthene	n/a	=	98	%	EPA 8270C	-88	-88	19	119	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Benzo(b)fluoranthene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Benzo(g,h,i)perylene	n/a	=	8.94	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Benzo(g,h,i)perylene	n/a	=	89	%	EPA 8270C	-88	-88	14	139	
2015/16-3	Lab	method blank	2/26/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-3	Lab	LCS	2/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	22.7	µg/L	EPA 625	0.1	2			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	91	%	EPA 625	-88	-88	0.1	219	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	16.1	µg/L	EPA 625	0.1	2			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	61	%	EPA 625	-88	-88	0.1	219	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	13.7	µg/L	EPA 625	0.1	2			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	52	%	EPA 625	-88	-88	0.1	219	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Benzo(g,h,i)perylene	n/a	=	11.2	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Benzo(g,h,i)perylene	n/a	=	112	%	EPA 8270C	-88	-88	24	117	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Benzo(g,h,i)perylene	n/a	=	10.3	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Benzo(g,h,i)perylene	n/a	=	103	%	EPA 8270C	-88	-88	24	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	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Benzo(g,h,i)perylene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Benzo(k)fluoranthene	n/a	=	7.72	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Benzo(k)fluoranthene	n/a	=	77	%	EPA 8270C	-88	-88	22	127	
2015/16-3	Lab	method blank	2/26/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	29.2	µg/L	EPA 625	0.22	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	117	%	EPA 625	-88	-88	11	162	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	26.7	µg/L	EPA 625	0.22	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	102	%	EPA 625	-88	-88	11	162	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	22.3	µg/L	EPA 625	0.22	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	85	%	EPA 625	-88	-88	11	162	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Benzo(k)fluoranthene	n/a	=	11.5	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Benzo(k)fluoranthene	n/a	=	115	%	EPA 8270C	-88	-88	17	123	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Benzo(k)fluoranthene	n/a	=	10.2	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Benzo(k)fluoranthene	n/a	=	102	%	EPA 8270C	-88	-88	17	123	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Benzo(k)fluoranthene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	18.9	µg/L	EPA 625	0.25	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	76	%	EPA 625	-88	-88	33	184	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	21.2	µg/L	EPA 625	0.25	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625	-88	-88	33	184	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	20.1	µg/L	EPA 625	0.25	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	76	%	EPA 625	-88	-88	33	184	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	17.9	µg/L	EPA 625	0.27	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	72	%	EPA 625	-88	-88	12	158	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	19.5	µg/L	EPA 625	0.27	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	74	%	EPA 625	-88	-88	12	158	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	18.4	µg/L	EPA 625	0.27	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625	-88	-88	12	158	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	17.4	µg/L	EPA 625	0.38	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	70	%	EPA 625	-88	-88	36	166	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.3	µg/L	EPA 625	0.38	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	73	%	EPA 625	-88	-88	36	166	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.1	µg/L	EPA 625	0.38	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	69	%	EPA 625	-88	-88	36	166	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-3	Lab	LCS	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.38	µg/L	EPA 525.2	0.1	5			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	88	%	EPA 525.2	-88	-88	71	158	
2015/16-3	Lab	method blank	3/2/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-3	Lab	LCS	3/2/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.1	µg/L	EPA 525.2	0.1	5			
2015/16-3	Lab	LCS, rec	3/2/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	82	%	EPA 525.2	-88	-88	71	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	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.65	µg/L	EPA 525.2	0.1	5			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	113	%	EPA 525.2	-88	-88	84	158	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.44	µg/L	EPA 525.2	0.1	5			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	109	%	EPA 525.2	-88	-88	84	158	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-3	Lab	LCS	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.9	µg/L	EPA 625	2.3	5			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	92	%	EPA 625	-88	-88	8	158	
2015/16-3	Lab	method blank	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-3	Lab	LCS	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.05	µg/L	EPA 525.2	1.1	3			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	121	%	EPA 525.2	-88	-88	68	154	
2015/16-3	Lab	method blank	3/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-3	Lab	LCS	3/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.26	µg/L	EPA 525.2	1.1	3			
2015/16-3	Lab	LCS, rec	3/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	85	%	EPA 525.2	-88	-88	68	154	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.84	µg/L	EPA 525.2	1.1	3			GB
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	66	%	EPA 525.2	-88	-88	74	152	GB
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.86	µg/L	EPA 525.2	1.1	3			GB
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	67	%	EPA 525.2	-88	-88	74	152	GB
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.2	µg/L	EPA 625	2.3	5			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	88	%	EPA 625	-88	-88	8	158	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.8	µg/L	EPA 625	2.3	5			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	87	%	EPA 625	-88	-88	8	158	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Butyl benzyl phthalate	n/a	=	19.7	µg/L	EPA 625	0.18	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Butyl benzyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Butyl benzyl phthalate	n/a	=	20.5	µg/L	EPA 625	0.18	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Butyl benzyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	152	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Butyl benzyl phthalate	n/a	=	20.9	µg/L	EPA 625	0.18	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Butyl benzyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Chrysene	n/a	=	7.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Chrysene	n/a	=	71	%	EPA 8270C	-88	-88	32	126	
2015/16-3	Lab	method blank	2/26/2016	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Chrysene	n/a	=	20.2	µg/L	EPA 625	0.19	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Chrysene	n/a	=	81	%	EPA 625	-88	-88	17	168	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Chrysene	n/a	=	22	µg/L	EPA 625	0.19	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Chrysene	n/a	=	84	%	EPA 625	-88	-88	17	168	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Chrysene	n/a	=	20.6	µg/L	EPA 625	0.19	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Chrysene	n/a	=	78	%	EPA 625	-88	-88	17	168	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Chrysene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Chrysene	n/a	=	10.2	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Chrysene	n/a	=	102	%	EPA 8270C	-88	-88	11	151	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Chrysene	n/a	=	10.2	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Chrysene	n/a	=	102	%	EPA 8270C	-88	-88	11	151	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Chrysene	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Dibenz(a,h)anthracene	n/a	=	7.05	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Dibenz(a,h)anthracene	n/a	=	71	%	EPA 8270C	-88	-88	9	147	
2015/16-3	Lab	method blank	2/26/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-3	Lab	LCS	2/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	17.6	µg/L	EPA 625	0.08	2			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	70	%	EPA 625	-88	-88	0.1	227	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	13.7	µg/L	EPA 625	0.08	2			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	52	%	EPA 625	-88	-88	0.1	227	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	11.8	µg/L	EPA 625	0.08	2			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	45	%	EPA 625	-88	-88	0.1	227	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Dibenz(a,h)anthracene	n/a	=	9.24	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Dibenz(a,h)anthracene	n/a	=	92	%	EPA 8270C	-88	-88	23	123	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Dibenz(a,h)anthracene	n/a	=	8.76	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Dibenz(a,h)anthracene	n/a	=	88	%	EPA 8270C	-88	-88	23	123	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Diethyl phthalate	n/a	=	21.1	µg/L	EPA 625	0.15	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Diethyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	114	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Diethyl phthalate	n/a	=	22.8	µg/L	EPA 625	0.15	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	114	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Diethyl phthalate	n/a	=	22.1	µg/L	EPA 625	0.15	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Diethyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	114	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Diethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Dimethyl phthalate	n/a	=	23.3	µg/L	EPA 625	0.18	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Dimethyl phthalate	n/a	=	93	%	EPA 625	-88	-88	0.1	112	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Dimethyl phthalate	n/a	=	25.7	µg/L	EPA 625	0.18	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Dimethyl phthalate	n/a	=	98	%	EPA 625	-88	-88	0.1	112	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Dimethyl phthalate	n/a	=	26	µg/L	EPA 625	0.18	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Dimethyl phthalate	n/a	=	99	%	EPA 625	-88	-88	0.1	112	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Dimethyl phthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Di-n-butylphthalate	n/a	=	23.2	µg/L	EPA 625	0.24	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Di-n-butylphthalate	n/a	=	93	%	EPA 625	-88	-88	1	118	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Di-n-butylphthalate	n/a	=	25	µg/L	EPA 625	0.24	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Di-n-butylphthalate	n/a	=	95	%	EPA 625	-88	-88	1	118	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Di-n-butylphthalate	n/a	=	23.8	µg/L	EPA 625	0.24	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Di-n-butylphthalate	n/a	=	91	%	EPA 625	-88	-88	1	118	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Di-n-butylphthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Di-n-octylphthalate	n/a	=	18.8	µg/L	EPA 625	0.19	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Di-n-octylphthalate	n/a	=	75	%	EPA 625	-88	-88	4	146	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Di-n-octylphthalate	n/a	=	22.2	µg/L	EPA 625	0.19	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Di-n-octylphthalate	n/a	=	84	%	EPA 625	-88	-88	4	146	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Di-n-octylphthalate	n/a	=	20.7	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	
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Di-n-octylphthalate	n/a	=	79	%	EPA 625	-88	-88	4	146	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Di-n-octylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Fluoranthene	n/a	=	7.71	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Fluoranthene	n/a	=	77	%	EPA 8270C	-88	-88	22	131	
2015/16-3	Lab	method blank	2/26/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Fluoranthene	n/a	=	21.8	µg/L	EPA 625	0.22	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Fluoranthene	n/a	=	87	%	EPA 625	-88	-88	26	137	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Fluoranthene	n/a	=	22	µg/L	EPA 625	0.22	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Fluoranthene	n/a	=	83	%	EPA 625	-88	-88	26	137	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Fluoranthene	n/a	=	21.5	µg/L	EPA 625	0.22	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Fluoranthene	n/a	=	82	%	EPA 625	-88	-88	26	137	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Fluoranthene	n/a	=	12.2	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Fluoranthene	n/a	=	122	%	EPA 8270C	-88	-88	15	130	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Fluoranthene	n/a	=	12.7	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Fluoranthene	n/a	=	127	%	EPA 8270C	-88	-88	15	130	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Fluoranthene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Fluorene	n/a	=	7.13	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Fluorene	n/a	=	71	%	EPA 8270C	-88	-88	19	122	
2015/16-3	Lab	method blank	2/26/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Fluorene	n/a	=	20.8	µg/L	EPA 625	0.35	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Fluorene	n/a	=	83	%	EPA 625	-88	-88	59	121	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Fluorene	n/a	=	22.1	µg/L	EPA 625	0.35	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Fluorene	n/a	=	84	%	EPA 625	-88	-88	59	121	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Fluorene	n/a	=	21.7	µg/L	EPA 625	0.35	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Fluorene	n/a	=	82	%	EPA 625	-88	-88	59	121	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Fluorene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Fluorene	n/a	=	11.5	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Fluorene	n/a	=	115	%	EPA 8270C	-88	-88	22	124	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Fluorene	n/a	=	11.6	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Fluorene	n/a	=	116	%	EPA 8270C	-88	-88	22	124	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Fluorene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Hexachlorobenzene	n/a	=	17.1	µg/L	EPA 625	0.49	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Hexachlorobenzene	n/a	=	68	%	EPA 625	-88	-88	0.1	152	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Hexachlorobenzene	n/a	=	17.7	µg/L	EPA 625	0.49	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Hexachlorobenzene	n/a	=	67	%	EPA 625	-88	-88	0.1	152	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Hexachlorobenzene	n/a	=	17.5	µg/L	EPA 625	0.49	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Hexachlorobenzene	n/a	=	67	%	EPA 625	-88	-88	0.1	152	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Hexachlorobenzene	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Hexachlorobutadiene	n/a	=	17.5	µg/L	EPA 625	0.47	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Hexachlorobutadiene	n/a	=	70	%	EPA 625	-88	-88	24	116	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Hexachlorobutadiene	n/a	=	19.9	µg/L	EPA 625	0.47	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Hexachlorobutadiene	n/a	=	76	%	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	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Hexachlorobutadiene	n/a	=	19.4	µg/L	EPA 625	0.47	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625	-88	-88	24	116	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Hexachlorobutadiene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-3	Lab	LCS	2/26/2016	Organic	Hexachlorocyclopentadiene	n/a	=	11.7	µg/L	EPA 625	1.5	5			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Hexachlorocyclopentadiene	n/a	=	47	%	EPA 625	-88	-88	0.1	81	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Hexachlorocyclopentadiene	n/a	=	14.6	µg/L	EPA 625	1.5	5			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Hexachlorocyclopentadiene	n/a	=	56	%	EPA 625	-88	-88	10	80	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Hexachlorocyclopentadiene	n/a	=	15	µg/L	EPA 625	1.5	5			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Hexachlorocyclopentadiene	n/a	=	57	%	EPA 625	-88	-88	10	80	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Hexachlorocyclopentadiene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Hexachloroethane	n/a	=	18.1	µg/L	EPA 625	0.52	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Hexachloroethane	n/a	=	72	%	EPA 625	-88	-88	40	113	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Hexachloroethane	n/a	=	20.2	µg/L	EPA 625	0.52	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Hexachloroethane	n/a	=	77	%	EPA 625	-88	-88	40	113	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Hexachloroethane	n/a	=	19.2	µg/L	EPA 625	0.52	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Hexachloroethane	n/a	=	73	%	EPA 625	-88	-88	40	113	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Hexachloroethane	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/23/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	80	%	EPA 8270C	-88	-88	12	136	
2015/16-3	Lab	method blank	2/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-3	Lab	LCS	2/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.9	µg/L	EPA 625	0.12	2			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 625	-88	-88	0.1	171	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17.2	µg/L	EPA 625	0.12	2			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	65	%	EPA 625	-88	-88	0.1	171	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	14.6	µg/L	EPA 625	0.12	2			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	56	%	EPA 625	-88	-88	0.1	171	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.96	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	100	%	EPA 8270C	-88	-88	16	127	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.46	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	95	%	EPA 8270C	-88	-88	16	127	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Isophorone	n/a	=	18.8	µg/L	EPA 625	0.21	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Isophorone	n/a	=	75	%	EPA 625	-88	-88	21	196	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Isophorone	n/a	=	20.5	µg/L	EPA 625	0.21	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Isophorone	n/a	=	78	%	EPA 625	-88	-88	21	196	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Isophorone	n/a	=	19.7	µg/L	EPA 625	0.21	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Isophorone	n/a	=	75	%	EPA 625	-88	-88	21	196	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Isophorone	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	LCS	2/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	50.4	µg/L	EPA 624	0.25	1			
2015/16-3	Lab	LCS, rec	2/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	101	%	EPA 624	-88	-88	73	130	
2015/16-3	Lab	method blank	2/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2015/16-3	ME-CC	matrix spike	2/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	36.8	µg/L	EPA 624	0.25	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	ME-CC	matrix spike, rec	2/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	74	%	EPA 624	-88	-88	73	130	
2015/16-3	ME-CC	matrix spike dup	2/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	38.8	µg/L	EPA 624	0.25	1			
2015/16-3	ME-CC	matrix spike dup, rec	2/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	78	%	EPA 624	-88	-88	73	130	
2015/16-3	ME-CC	matrix spike, RPD	2/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5	%	EPA 624	-88	-88	0	25	
2015/16-3	MO-THO	field duplicate	2/2/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2015/16-3	Lab	method blank	2/23/2016	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Naphthalene	n/a	=	5.97	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Naphthalene	n/a	=	60	%	EPA 8270C	-88	-88	12	136	
2015/16-3	Lab	method blank	2/26/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Naphthalene	n/a	=	19.7	µg/L	EPA 625	0.49	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Naphthalene	n/a	=	79	%	EPA 625	-88	-88	21	133	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Naphthalene	n/a	=	22.4	µg/L	EPA 625	0.49	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Naphthalene	n/a	=	85	%	EPA 625	-88	-88	21	133	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Naphthalene	n/a	=	21.8	µg/L	EPA 625	0.49	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Naphthalene	n/a	=	83	%	EPA 625	-88	-88	21	133	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Naphthalene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Naphthalene	n/a	=	9.22	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Naphthalene	n/a	=	92	%	EPA 8270C	-88	-88	8	116	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Naphthalene	n/a	=	9.1	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Naphthalene	n/a	=	91	%	EPA 8270C	-88	-88	8	116	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Naphthalene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Nitrobenzene	n/a	=	18.3	µg/L	EPA 625	0.36	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Nitrobenzene	n/a	=	73	%	EPA 625	-88	-88	35	180	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Nitrobenzene	n/a	=	20.6	µg/L	EPA 625	0.36	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Nitrobenzene	n/a	=	78	%	EPA 625	-88	-88	35	180	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Nitrobenzene	n/a	=	19.5	µg/L	EPA 625	0.36	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Nitrobenzene	n/a	=	74	%	EPA 625	-88	-88	35	180	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Nitrobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	srgt method blank	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	3.76	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2015/16-3	Lab	srgt LCS	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	3.29	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270C	-88	-88	51	143	
2015/16-3	Lab	srgt method blank	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	27	111	
2015/16-3	Lab	srgt LCS	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	27	111	
2015/16-3	ME-CC	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	2.93	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270C	-88	-88	51	143	
2015/16-3	ME-CC	srgt environ	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	27	111	
2015/16-3	ME-SCR	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.2	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270C	-88	-88	51	143	
2015/16-3	ME-SCR	srgt environ	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	22	µg/L	EPA 625	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	27	111	
2015/16-3	ME-VR2	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	2.79	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270C	-88	-88	51	143	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	ME-VR2	srgt environ	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-CAM	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.82	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-CAM	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	19	µg/L	EPA 625	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-FIL	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.58	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-FIL	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-HUE	srgt environ	2/24/2016	Organic	Nitrobenzene-d5	n/a	=	4.55	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/24/2016	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-HUE	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	19.8	µg/L	EPA 625	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-MEI	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.22	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-MEI	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	19.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-MPK	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.52	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-MPK	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-OJA	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.14	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-OJA	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-OXN	srgt environ	2/24/2016	Organic	Nitrobenzene-d5	n/a	=	4.8	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/24/2016	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-OXN	srgt matrix spike	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike, rec	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-OXN	srgt matrix spike dup	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	20.4	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike dup, rec	2/26/2016	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-OXN	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	24.3	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-SIM	srgt matrix spike	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.59	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-SIM	srgt matrix spike dup	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.65	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike dup, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-SIM	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	5.25	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	105	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-SIM	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	21.5	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-SPA	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.03	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-SPA	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	21	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-THO	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.64	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-THO	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-THO	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	22.1	µg/L	EPA 625	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	27	111	
2015/16-3	MO-VEN	srgt environ	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	4.67	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/23/2016	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 8270C	-88	-88	51	143	
2015/16-3	MO-VEN	srgt environ	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	25.8	µg/L	EPA 625	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/27/2016	Organic	Nitrobenzene-d5	n/a	=	103	%	EPA 625	-88	-88	27	111	
2015/16-3	Lab	method blank	2/26/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	N-Nitrosodimethylamine	n/a	=	9.52	µg/L	EPA 625	0.14	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	N-Nitrosodimethylamine	n/a	=	38	%	EPA 625	-88	-88	15	59	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	N-Nitrosodimethylamine	n/a	=	13.2	µg/L	EPA 625	0.14	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	N-Nitrosodimethylamine	n/a	=	50	%	EPA 625	-88	-88	15	57	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	N-Nitrosodimethylamine	n/a	=	10.9	µg/L	EPA 625	0.14	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	N-Nitrosodimethylamine	n/a	=	41	%	EPA 625	-88	-88	15	57	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	N-Nitrosodimethylamine	n/a	=	19	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	18.4	µg/L	EPA 625	0.26	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	74	%	EPA 625	-88	-88	0.1	230	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	21.1	µg/L	EPA 625	0.26	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	80	%	EPA 625	-88	-88	0.1	230	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.1	µg/L	EPA 625	0.26	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	76	%	EPA 625	-88	-88	0.1	230	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	N-Nitrosodiphenylamine	n/a	=	16.8	µg/L	EPA 625	0.19	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	N-Nitrosodiphenylamine	n/a	=	67	%	EPA 625	-88	-88	42	90	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	N-Nitrosodiphenylamine	n/a	=	14.9	µg/L	EPA 625	0.19	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	N-Nitrosodiphenylamine	n/a	=	57	%	EPA 625	-88	-88	49	82	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	N-Nitrosodiphenylamine	n/a	=	15.7	µg/L	EPA 625	0.19	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	N-Nitrosodiphenylamine	n/a	=	60	%	EPA 625	-88	-88	49	82	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-3	Lab	srgt method blank	2/26/2016	Organic	Perylene-d12	n/a	=	4.79	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/26/2016	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	30	118	
2015/16-3	Lab	srgt LCS	2/26/2016	Organic	Perylene-d12	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/26/2016	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	30	118	
2015/16-3	Lab	srgt method blank	3/2/2016	Organic	Perylene-d12	n/a	=	3.47	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt method blank, rec	3/2/2016	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	30	118	
2015/16-3	Lab	srgt LCS	3/2/2016	Organic	Perylene-d12	n/a	=	3.44	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt LCS, rec	3/2/2016	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	30	118	
2015/16-3	ME-CC	srgt environ	2/27/2016	Organic	Perylene-d12	n/a	=	1.35	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	ME-CC	srgt environ, rec	2/27/2016	Organic	Perylene-d12	n/a	=	27	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	ME-SCR	srgt environ	2/27/2016	Organic	Perylene-d12	n/a	=	1.86	µg/L	EPA 525.2	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/27/2016	Organic	Perylene-d12	n/a	=	37	%	EPA 525.2	-88	-88	30	118	
2015/16-3	ME-VR2	srgt environ	2/27/2016	Organic	Perylene-d12	n/a	=	0.91	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	ME-VR2	srgt environ, rec	2/27/2016	Organic	Perylene-d12	n/a	=	18	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	MO-CAM	srgt environ	2/27/2016	Organic	Perylene-d12	n/a	=	1.25	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-CAM	srgt environ, rec	2/27/2016	Organic	Perylene-d12	n/a	=	25	%	EPA 525.2	-88	-88	30	118	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	
2015/16-3	MO-FIL	srgt environ	3/2/2016	Organic	Perylene-d12	n/a	=	0.84	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-FIL	srgt environ, rec	3/2/2016	Organic	Perylene-d12	n/a	=	17	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	MO-HUE	srgt environ	3/2/2016	Organic	Perylene-d12	n/a	=	1.66	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	3/2/2016	Organic	Perylene-d12	n/a	=	33	%	EPA 525.2	-88	-88	30	118	
2015/16-3	MO-MEI	srgt matrix spike	2/26/2016	Organic	Perylene-d12	n/a	=	1.45	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-MEI	srgt matrix spike, rec	2/26/2016	Organic	Perylene-d12	n/a	=	29	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	MO-MEI	srgt matrix spike dup	2/26/2016	Organic	Perylene-d12	n/a	=	1.64	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-MEI	srgt matrix spike dup, rec	2/26/2016	Organic	Perylene-d12	n/a	=	33	%	EPA 525.2	-88	-88	30	118	
2015/16-3	MO-MEI	srgt environ	2/27/2016	Organic	Perylene-d12	n/a	=	1.47	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-MEI	srgt environ, rec	2/27/2016	Organic	Perylene-d12	n/a	=	29	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	MO-MPK	srgt environ	3/2/2016	Organic	Perylene-d12	n/a	=	1.17	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-MPK	srgt environ, rec	3/2/2016	Organic	Perylene-d12	n/a	=	23	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	MO-OJA	srgt environ	2/27/2016	Organic	Perylene-d12	n/a	=	1.18	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-OJA	srgt environ, rec	2/27/2016	Organic	Perylene-d12	n/a	=	24	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	MO-OXN	srgt environ	3/2/2016	Organic	Perylene-d12	n/a	=	2.21	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	3/2/2016	Organic	Perylene-d12	n/a	=	44	%	EPA 525.2	-88	-88	30	118	
2015/16-3	MO-SIM	srgt environ	3/2/2016	Organic	Perylene-d12	n/a	=	1.12	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-SIM	srgt environ, rec	3/2/2016	Organic	Perylene-d12	n/a	=	22	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	MO-SPA	srgt environ	3/2/2016	Organic	Perylene-d12	n/a	=	1.38	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-SPA	srgt environ, rec	3/2/2016	Organic	Perylene-d12	n/a	=	28	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	MO-THO	srgt environ	3/2/2016	Organic	Perylene-d12	n/a	=	1.01	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-THO	srgt environ, rec	3/2/2016	Organic	Perylene-d12	n/a	=	20	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	MO-VEN	srgt environ	2/27/2016	Organic	Perylene-d12	n/a	=	1.19	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-VEN	srgt environ, rec	2/27/2016	Organic	Perylene-d12	n/a	=	24	%	EPA 525.2	-88	-88	30	118	GN
2015/16-3	Lab	method blank	2/23/2016	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Phenanthrene	n/a	=	7.79	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Phenanthrene	n/a	=	78	%	EPA 8270C	-88	-88	21	131	
2015/16-3	Lab	method blank	2/26/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Phenanthrene	n/a	=	22.1	µg/L	EPA 625	0.32	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Phenanthrene	n/a	=	88	%	EPA 625	-88	-88	54	120	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Phenanthrene	n/a	=	25.1	µg/L	EPA 625	0.32	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Phenanthrene	n/a	=	96	%	EPA 625	-88	-88	54	120	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Phenanthrene	n/a	=	23.7	µg/L	EPA 625	0.32	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Phenanthrene	n/a	=	90	%	EPA 625	-88	-88	54	120	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Phenanthrene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Phenanthrene	n/a	=	11.4	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Phenanthrene	n/a	=	114	%	EPA 8270C	-88	-88	8	145	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Phenanthrene	n/a	=	11.6	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Phenanthrene	n/a	=	116	%	EPA 8270C	-88	-88	8	145	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Phenanthrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/24/2016	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2015/16-3	Lab	LCS	2/24/2016	Organic	Phenol	n/a	=	2.98	µg/L	EPA 8270C	0.35	1			
2015/16-3	Lab	LCS, rec	2/24/2016	Organic	Phenol	n/a	=	30	%	EPA 8270C	-88	-88	6	43	
2015/16-3	Lab	method blank	2/26/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Phenol	n/a	=	7.91	µg/L	EPA 625	0.16	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Phenol	n/a	=	32	%	EPA 625	-88	-88	5	112	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Phenol	n/a	=	8.71	µg/L	EPA 625	0.16	1			

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Phenol	n/a	=	33	%	EPA 625	-88	-88	5	112	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Phenol	n/a	=	8.88	µg/L	EPA 625	0.16	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Phenol	n/a	=	34	%	EPA 625	-88	-88	5	112	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Phenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/24/2016	Organic	Phenol	n/a	DNQ	3.9	µg/L	EPA 8270C	3.5	10			
2015/16-3	MO-SIM	matrix spike, rec	2/24/2016	Organic	Phenol	n/a	=	39	%	EPA 8270C	-88	-88	5	55	
2015/16-3	MO-SIM	matrix spike dup	2/24/2016	Organic	Phenol	n/a	DNQ	3.8	µg/L	EPA 8270C	3.5	10			
2015/16-3	MO-SIM	matrix spike dup, rec	2/24/2016	Organic	Phenol	n/a	=	38	%	EPA 8270C	-88	-88	5	55	
2015/16-3	MO-SIM	matrix spike, RPD	2/24/2016	Organic	Phenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	srgt method blank	2/24/2016	Organic	Phenol-d5	n/a	=	2.88	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/24/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2015/16-3	Lab	srgt LCS	2/24/2016	Organic	Phenol-d5	n/a	=	2.92	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/24/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2015/16-3	Lab	srgt method blank	2/26/2016	Organic	Phenol-d5	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/26/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2015/16-3	Lab	srgt LCS	2/26/2016	Organic	Phenol-d5	n/a	=	14.9	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/26/2016	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2015/16-3	ME-CC	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	3.02	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2015/16-3	ME-CC	srgt environ	2/26/2016	Organic	Phenol-d5	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/26/2016	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2015/16-3	ME-SCR	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	3.02	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2015/16-3	ME-SCR	srgt environ	2/26/2016	Organic	Phenol-d5	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/26/2016	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	0.1	53	
2015/16-3	ME-VR2	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	2.73	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2015/16-3	ME-VR2	srgt environ	2/26/2016	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/26/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-CAM	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	4.45	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	44	%	EPA 8270C	-88	-88	5	46	
2015/16-3	MO-CAM	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	10.9	µg/L	EPA 625	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-FIL	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	3.23	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2015/16-3	MO-FIL	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	12.7	µg/L	EPA 625	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-HUE	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	3.58	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2015/16-3	MO-HUE	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-MEI	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	3.69	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	37	%	EPA 8270C	-88	-88	5	46	
2015/16-3	MO-MEI	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-MPK	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	3.47	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	

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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	
2015/16-3	MO-MPK	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-OJA	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	3.72	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	37	%	EPA 8270C	-88	-88	5	46	
2015/16-3	MO-OJA	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-OXN	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	4.8	µg/L	EPA 8270C	-88	-88			GN
2015/16-3	MO-OXN	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	48	%	EPA 8270C	-88	-88	5	46	GN
2015/16-3	MO-OXN	srgt matrix spike	2/26/2016	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike, rec	2/26/2016	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-OXN	srgt matrix spike dup	2/26/2016	Organic	Phenol-d5	n/a	=	16.5	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike dup, rec	2/26/2016	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-OXN	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-SIM	srgt matrix spike	2/24/2016	Organic	Phenol-d5	n/a	=	4.5	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike, rec	2/24/2016	Organic	Phenol-d5	n/a	=	45	%	EPA 8270C	-88	-88	5	46	
2015/16-3	MO-SIM	srgt matrix spike dup	2/24/2016	Organic	Phenol-d5	n/a	=	4.5	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike dup, rec	2/24/2016	Organic	Phenol-d5	n/a	=	45	%	EPA 8270C	-88	-88	5	46	
2015/16-3	MO-SIM	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	4.7	µg/L	EPA 8270C	-88	-88			GN
2015/16-3	MO-SIM	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	47	%	EPA 8270C	-88	-88	5	46	GN
2015/16-3	MO-SIM	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-SPA	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	3.55	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2015/16-3	MO-SPA	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-THO	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	3.3	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2015/16-3	MO-THO	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	16.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2015/16-3	MO-VEN	srgt environ	2/24/2016	Organic	Phenol-d5	n/a	=	3.38	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/24/2016	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2015/16-3	MO-VEN	srgt environ	2/27/2016	Organic	Phenol-d5	n/a	=	19.4	µg/L	EPA 625	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/27/2016	Organic	Phenol-d5	n/a	=	39	%	EPA 625	-88	-88	0.1	53	
2015/16-3	Lab	srgt method blank	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	3.14	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 8270C	-88	-88	19	134	
2015/16-3	Lab	srgt LCS	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	3.28	µg/L	EPA 8270C	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270C	-88	-88	19	134	
2015/16-3	Lab	srgt method blank	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	13.3	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 625	-88	-88	28	113	
2015/16-3	Lab	srgt LCS	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	13.7	µg/L	EPA 625	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 625	-88	-88	28	113	
2015/16-3	ME-CC	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	2.49	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	50	%	EPA 8270C	-88	-88	19	134	
2015/16-3	ME-CC	srgt environ	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	14.1	µg/L	EPA 625	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	56	%	EPA 625	-88	-88	28	113	
2015/16-3	ME-SCR	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	3.65	µg/L	EPA 8270C	-88	-88			



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	ME-SCR	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270C	-88	-88	19	134	
2015/16-3	ME-SCR	srgt environ	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 625	-88	-88	28	113	
2015/16-3	ME-VR2	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	2.9	µg/L	EPA 8270C	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 8270C	-88	-88	19	134	
2015/16-3	ME-VR2	srgt environ	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	51	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-CAM	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	4.86	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-CAM	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	11.9	µg/L	EPA 625	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	47	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-FIL	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	4.63	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-FIL	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	11.5	µg/L	EPA 625	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	46	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-HUE	srgt environ	2/24/2016	Organic	p-Terphenyl-d14	n/a	=	4.97	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/24/2016	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-HUE	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	15.8	µg/L	EPA 625	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-MEI	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	4.65	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-MEI	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	13	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-MPK	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	4.56	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-MPK	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-OJA	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	4.37	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-OJA	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	12.7	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	51	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-OXN	srgt environ	2/24/2016	Organic	p-Terphenyl-d14	n/a	=	6.25	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/24/2016	Organic	p-Terphenyl-d14	n/a	=	125	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-OXN	srgt matrix spike	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	14	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike, rec	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-OXN	srgt matrix spike dup	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	14	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt matrix spike dup, rec	2/26/2016	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-OXN	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-SIM	srgt matrix spike	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	4.77	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-SIM	srgt matrix spike dup	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	4.98	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike dup, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-SIM	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	5.78	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	116	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-SIM	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 625	-88	-88	28	113	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-SPA	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	4.54	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-SPA	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-THO	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	4.6	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-THO	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	61	%	EPA 625	-88	-88	28	113	
2015/16-3	MO-VEN	srgt environ	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	4.44	µg/L	EPA 8270C	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/23/2016	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2015/16-3	MO-VEN	srgt environ	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/27/2016	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 625	-88	-88	28	113	
2015/16-3	Lab	method blank	2/23/2016	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS	2/23/2016	Organic	Pyrene	n/a	=	7.53	µg/L	EPA 8270C	0.1	0.1			
2015/16-3	Lab	LCS, rec	2/23/2016	Organic	Pyrene	n/a	=	75	%	EPA 8270C	-88	-88	26	128	
2015/16-3	Lab	method blank	2/26/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-3	Lab	LCS	2/26/2016	Organic	Pyrene	n/a	=	23.8	µg/L	EPA 625	0.25	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Organic	Pyrene	n/a	=	95	%	EPA 625	-88	-88	52	115	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Organic	Pyrene	n/a	=	23.8	µg/L	EPA 625	0.25	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Organic	Pyrene	n/a	=	90	%	EPA 625	-88	-88	52	115	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Organic	Pyrene	n/a	=	23.4	µg/L	EPA 625	0.25	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Organic	Pyrene	n/a	=	89	%	EPA 625	-88	-88	52	115	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Organic	Pyrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/23/2016	Organic	Pyrene	n/a	=	12.1	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike, rec	2/23/2016	Organic	Pyrene	n/a	=	121	%	EPA 8270C	-88	-88	15	130	
2015/16-3	MO-SIM	matrix spike dup	2/23/2016	Organic	Pyrene	n/a	=	12.6	µg/L	EPA 8270C	1	1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/23/2016	Organic	Pyrene	n/a	=	126	%	EPA 8270C	-88	-88	15	130	
2015/16-3	MO-SIM	matrix spike, RPD	2/23/2016	Organic	Pyrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	srgt method blank	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0794	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	12	117	
2015/16-3	Lab	srgt method blank	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0804	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608	-88	-88	12	117	
2015/16-3	Lab	srgt LCS	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.057	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	12	117	
2015/16-3	Lab	srgt LCS dup	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.088	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt LCS dup, rec	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	88	%	EPA 608	-88	-88	12	117	
2015/16-3	Lab	srgt LCS	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0831	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608	-88	-88	12	117	
2015/16-3	Lab	srgt LCS dup	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0845	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt LCS dup, rec	2/11/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	12	117	
2015/16-3	ME-CC	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0514	µg/L	EPA 608	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608	-88	-88	12	117	
2015/16-3	ME-SCR	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0789	µg/L	EPA 608	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	12	117	
2015/16-3	ME-VR2	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0387	µg/L	EPA 608	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	39	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-CAM	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0725	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	
2015/16-3	MO-CAM	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-FIL	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0556	µg/L	EPA 608	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-HUE	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0699	µg/L	EPA 608	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-MEI	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0599	µg/L	EPA 608	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-MPK	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0735	µg/L	EPA 608	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-OJA	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.072	µg/L	EPA 608	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-OXN	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.061	µg/L	EPA 608	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-SIM	srgt matrix spike	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0711	µg/L	EPA 608	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-SIM	srgt matrix spike dup	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.07	µg/L	EPA 608	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike dup, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-SIM	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0681	µg/L	EPA 608	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-SPA	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0644	µg/L	EPA 608	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-THO	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0628	µg/L	EPA 608	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	12	117	
2015/16-3	MO-VEN	srgt environ	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.063	µg/L	EPA 608	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/12/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	12	117	
2015/16-3	Lab	srgt LCS	2/2/2016	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	Lab	srgt method blank	2/2/2016	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	ME-CC	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2015/16-3	ME-CC	srgt matrix spike	2/2/2016	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-3	ME-CC	srgt matrix spike, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	ME-CC	srgt matrix spike dup	2/2/2016	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-3	ME-CC	srgt matrix spike dup, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	ME-SCR	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2015/16-3	ME-VR2	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-CAM	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-FIL	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-HUE	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-MEI	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-MPK	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.8	µg/L	EPA 624	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-OJA	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-OXN	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-SIM	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-SPA	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-THO	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-THO	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	MO-VEN	srgt environ	2/2/2016	Organic	Toluene-d8	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/2/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-3	Lab	srgt method blank	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.526	µg/L	EPA 525.2m	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	Lab	srgt LCS	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.529	µg/L	EPA 525.2m	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	Lab	srgt method blank	2/5/2016	Organic	Triphenylphosphate	n/a	=	0.497	µg/L	EPA 525.2m	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/5/2016	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	Lab	srgt LCS	2/5/2016	Organic	Triphenylphosphate	n/a	=	0.499	µg/L	EPA 525.2m	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/5/2016	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	Lab	srgt method blank	2/26/2016	Organic	Triphenylphosphate	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/26/2016	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	70	149	
2015/16-3	Lab	srgt LCS	2/26/2016	Organic	Triphenylphosphate	n/a	=	5.52	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/26/2016	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	149	
2015/16-3	Lab	srgt method blank	3/2/2016	Organic	Triphenylphosphate	n/a	=	4.67	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt method blank, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2	-88	-88	70	149	
2015/16-3	Lab	srgt LCS	3/2/2016	Organic	Triphenylphosphate	n/a	=	5.57	µg/L	EPA 525.2	-88	-88			
2015/16-3	Lab	srgt LCS, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2	-88	-88	70	149	
2015/16-3	ME-CC	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.595	µg/L	EPA 525.2m	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	ME-CC	srgt environ	2/27/2016	Organic	Triphenylphosphate	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/27/2016	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	149	
2015/16-3	ME-SCR	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.513	µg/L	EPA 525.2m	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	ME-SCR	srgt environ	2/27/2016	Organic	Triphenylphosphate	n/a	=	5.21	µg/L	EPA 525.2	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/27/2016	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	70	149	
2015/16-3	ME-VR2	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.421	µg/L	EPA 525.2m	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	84	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	ME-VR2	srgt environ	2/27/2016	Organic	Triphenylphosphate	n/a	=	6.35	µg/L	EPA 525.2	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/27/2016	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-CAM	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.763	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	153	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	MO-CAM	srgt environ	2/27/2016	Organic	Triphenylphosphate	n/a	=	6.46	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	
2015/16-3	MO-CAM	srgt environ, rec	2/27/2016	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-FIL	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.664	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	MO-FIL	srgt environ	3/2/2016	Organic	Triphenylphosphate	n/a	=	7.74	µg/L	EPA 525.2	-88	-88			GN
2015/16-3	MO-FIL	srgt environ, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	155	%	EPA 525.2	-88	-88	70	149	GN
2015/16-3	MO-HUE	srgt environ	2/5/2016	Organic	Triphenylphosphate	n/a	=	0.611	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/5/2016	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	MO-HUE	srgt environ	3/2/2016	Organic	Triphenylphosphate	n/a	=	6.78	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-MEI	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.737	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	147	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	MO-MEI	srgt matrix spike	2/26/2016	Organic	Triphenylphosphate	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-MEI	srgt matrix spike, rec	2/26/2016	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-MEI	srgt matrix spike dup	2/26/2016	Organic	Triphenylphosphate	n/a	=	5.7	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-MEI	srgt matrix spike dup, rec	2/26/2016	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-MEI	srgt environ	2/27/2016	Organic	Triphenylphosphate	n/a	=	6.63	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/27/2016	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-MPK	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.879	µg/L	EPA 525.2m	-88	-88			GN
2015/16-3	MO-MPK	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	176	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-3	MO-MPK	srgt environ	3/2/2016	Organic	Triphenylphosphate	n/a	=	6.13	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-OJA	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.794	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	159	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	MO-OJA	srgt environ	2/27/2016	Organic	Triphenylphosphate	n/a	=	6.4	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/27/2016	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-OXN	srgt matrix spike	2/5/2016	Organic	Triphenylphosphate	n/a	=	1.04	µg/L	EPA 525.2m	-88	-88			GN
2015/16-3	MO-OXN	srgt matrix spike, rec	2/5/2016	Organic	Triphenylphosphate	n/a	=	208	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-3	MO-OXN	srgt matrix spike dup	2/5/2016	Organic	Triphenylphosphate	n/a	=	1.21	µg/L	EPA 525.2m	-88	-88			GN
2015/16-3	MO-OXN	srgt matrix spike dup, rec	2/5/2016	Organic	Triphenylphosphate	n/a	=	242	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-3	MO-OXN	srgt environ	2/5/2016	Organic	Triphenylphosphate	n/a	=	0.935	µg/L	EPA 525.2m	-88	-88			GN
2015/16-3	MO-OXN	srgt environ, rec	2/5/2016	Organic	Triphenylphosphate	n/a	=	187	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-3	MO-OXN	srgt environ	3/2/2016	Organic	Triphenylphosphate	n/a	=	4.63	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-SIM	srgt matrix spike	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.631	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	MO-SIM	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.726	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	145	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	MO-SIM	srgt matrix spike dup	2/8/2016	Organic	Triphenylphosphate	n/a	=	0.642	µg/L	EPA 525.2m	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike dup, rec	2/8/2016	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2m	-88	-88	40	163	
2015/16-3	MO-SIM	srgt environ	3/2/2016	Organic	Triphenylphosphate	n/a	=	5.92	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-SPA	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.904	µg/L	EPA 525.2m	-88	-88			GN
2015/16-3	MO-SPA	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	181	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-3	MO-SPA	srgt environ	3/2/2016	Organic	Triphenylphosphate	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-THO	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.865	µg/L	EPA 525.2m	-88	-88			GN
2015/16-3	MO-THO	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	173	%	EPA 525.2m	-88	-88	40	163	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	
2015/16-3	MO-THO	srgt environ	3/2/2016	Organic	Triphenylphosphate	n/a	=	6.9	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-THO	srgt environ, rec	3/2/2016	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	149	
2015/16-3	MO-VEN	srgt environ	2/4/2016	Organic	Triphenylphosphate	n/a	=	0.892	µg/L	EPA 525.2m	-88	-88			GN
2015/16-3	MO-VEN	srgt environ, rec	2/4/2016	Organic	Triphenylphosphate	n/a	=	178	%	EPA 525.2m	-88	-88	40	163	GN
2015/16-3	MO-VEN	srgt environ	2/27/2016	Organic	Triphenylphosphate	n/a	=	5.49	µg/L	EPA 525.2	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/27/2016	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	149	
2015/16-3	Lab	srgt method blank	2/11/2016	PCB	PCB 209	n/a	=	0.0902	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/11/2016	PCB	PCB 209	n/a	=	90	%	EPA 608	-88	-88	0.1	118	
2015/16-3	Lab	srgt method blank	2/11/2016	PCB	PCB 209	n/a	=	0.095	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt method blank, rec	2/11/2016	PCB	PCB 209	n/a	=	95	%	EPA 608	-88	-88	0.1	118	
2015/16-3	Lab	srgt LCS	2/11/2016	PCB	PCB 209	n/a	=	0.0667	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/11/2016	PCB	PCB 209	n/a	=	67	%	EPA 608	-88	-88	0.1	118	
2015/16-3	Lab	srgt LCS dup	2/11/2016	PCB	PCB 209	n/a	=	0.0891	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt LCS dup, rec	2/11/2016	PCB	PCB 209	n/a	=	89	%	EPA 608	-88	-88	0.1	118	
2015/16-3	Lab	srgt LCS	2/11/2016	PCB	PCB 209	n/a	=	0.0974	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt LCS, rec	2/11/2016	PCB	PCB 209	n/a	=	97	%	EPA 608	-88	-88	0.1	118	
2015/16-3	Lab	srgt LCS dup	2/11/2016	PCB	PCB 209	n/a	=	0.098	µg/L	EPA 608	-88	-88			
2015/16-3	Lab	srgt LCS dup, rec	2/11/2016	PCB	PCB 209	n/a	=	98	%	EPA 608	-88	-88	0.1	118	
2015/16-3	ME-CC	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.0567	µg/L	EPA 608	-88	-88			
2015/16-3	ME-CC	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	57	%	EPA 608	-88	-88	0.1	118	
2015/16-3	ME-SCR	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.079	µg/L	EPA 608	-88	-88			
2015/16-3	ME-SCR	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	79	%	EPA 608	-88	-88	0.1	118	
2015/16-3	ME-VR2	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.033	µg/L	EPA 608	-88	-88			
2015/16-3	ME-VR2	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	33	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-CAM	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.0541	µg/L	EPA 608	-88	-88			
2015/16-3	MO-CAM	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-FIL	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.0599	µg/L	EPA 608	-88	-88			
2015/16-3	MO-FIL	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	60	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-HUE	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.0597	µg/L	EPA 608	-88	-88			
2015/16-3	MO-HUE	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	60	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-MEI	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.0519	µg/L	EPA 608	-88	-88			
2015/16-3	MO-MEI	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	52	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-MPK	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.0715	µg/L	EPA 608	-88	-88			
2015/16-3	MO-MPK	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	71	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-OJA	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.0665	µg/L	EPA 608	-88	-88			
2015/16-3	MO-OJA	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	66	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-OXN	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.053	µg/L	EPA 608	-88	-88			
2015/16-3	MO-OXN	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	53	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-SIM	srgt matrix spike	2/12/2016	PCB	PCB 209	n/a	=	0.0784	µg/L	EPA 608	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike, rec	2/12/2016	PCB	PCB 209	n/a	=	78	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-SIM	srgt matrix spike dup	2/12/2016	PCB	PCB 209	n/a	=	0.0778	µg/L	EPA 608	-88	-88			
2015/16-3	MO-SIM	srgt matrix spike dup, rec	2/12/2016	PCB	PCB 209	n/a	=	78	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-SIM	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.0649	µg/L	EPA 608	-88	-88			
2015/16-3	MO-SIM	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	65	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-SPA	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.045	µg/L	EPA 608	-88	-88			
2015/16-3	MO-SPA	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	45	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-THO	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.0668	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	
2015/16-3	MO-THO	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	67	%	EPA 608	-88	-88	0.1	118	
2015/16-3	MO-VEN	srgt environ	2/12/2016	PCB	PCB 209	n/a	=	0.057	µg/L	EPA 608	-88	-88			
2015/16-3	MO-VEN	srgt environ, rec	2/12/2016	PCB	PCB 209	n/a	=	57	%	EPA 608	-88	-88	0.1	118	
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-3	Lab	method blank	2/11/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	2,4,5-T	n/a	=	4.03	µg/L	EPA 515.3	0.07	0.2			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	2,4,5-T	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	2,4,5-T	n/a	=	4.13	µg/L	EPA 515.3	0.07	0.2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	2,4,5-T	n/a	=	4.38	µg/L	EPA 515.3	0.07	0.2			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	2,4,5-T	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	2,4,5-T	n/a	=	4.29	µg/L	EPA 515.3	0.07	0.2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	2,4,5-T	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	2,4,5-T	n/a	=	4.07	µg/L	EPA 515.3	0.07	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	2,4,5-TP	n/a	=	4.15	µg/L	EPA 515.3	0.09	0.2			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	2,4,5-TP	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	2,4,5-TP	n/a	=	4.35	µg/L	EPA 515.3	0.09	0.2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	2,4,5-TP	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	2,4,5-TP	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	2,4,5-TP	n/a	=	4.53	µg/L	EPA 515.3	0.09	0.2			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	2,4,5-TP	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	2,4,5-TP	n/a	=	4.79	µg/L	EPA 515.3	0.09	0.2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	2,4,5-TP	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	2,4,5-TP	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	2,4,5-TP	n/a	=	4.1	µg/L	EPA 515.3	0.09	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	2,4-D	n/a	=	7.66	µg/L	EPA 515.3	0.07	0.4			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	2,4-D	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	2,4-D	n/a	=	7.69	µg/L	EPA 515.3	0.07	0.4			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	2,4-D	n/a	=	96	%	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	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	2,4-D	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	2,4-D	n/a	=	8.98	µg/L	EPA 515.3	0.07	0.4			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	2,4-D	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	2,4-D	n/a	=	8.48	µg/L	EPA 515.3	0.07	0.4			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	2,4-D	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	2,4-D	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	2,4-D	n/a	=	8.47	µg/L	EPA 515.3	0.07	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	2,4-D	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	2,4-DB	n/a	=	15.9	µg/L	EPA 515.3	0.07	2			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	2,4-DB	n/a	=	16.7	µg/L	EPA 515.3	0.07	2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	2,4-DB	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	2,4-DB	n/a	=	16.7	µg/L	EPA 515.3	0.07	2			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	2,4-DB	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	2,4-DB	n/a	=	16.8	µg/L	EPA 515.3	0.07	2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	2,4-DB	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	2,4-DB	n/a	=	15.2	µg/L	EPA 515.3	0.07	2			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	2,4-DB	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.86	µg/L	EPA 515.3	0.09	1			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.12	µg/L	EPA 515.3	0.09	1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.55	µg/L	EPA 515.3	0.09	1			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.42	µg/L	EPA 515.3	0.09	1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.08	µg/L	EPA 515.3	0.09	1			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	4,4'-DDD	n/a	=	0.061	µg/L	EPA 608	0.003	0.05			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	4,4'-DDD	n/a	=	61	%	EPA 608	-88	-88	42	133	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	4,4'-DDD	n/a	=	0.0908	µg/L	EPA 608	0.003	0.05			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	4,4'-DDD	n/a	=	91	%	EPA 608	-88	-88	42	133	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	4,4'-DDD	n/a	=	39	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	4,4'-DDD	n/a	=	0.0923	µg/L	EPA 608	0.003	0.05			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	4,4'-DDD	n/a	=	92	%	EPA 608	-88	-88	42	133	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	4,4'-DDD	n/a	=	0.0945	µg/L	EPA 608	0.003	0.05			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	4,4'-DDD	n/a	=	94	%	EPA 608	-88	-88	42	133	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	4,4'-DDD	n/a	=	2	%	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	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	4,4'-DDD	n/a	DNQ	0.0689	µg/L	EPA 608	0.015	0.25			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	4,4'-DDD	n/a	=	69	%	EPA 608	-88	-88	23	124	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	4,4'-DDD	n/a	DNQ	0.0695	µg/L	EPA 608	0.015	0.25			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	4,4'-DDD	n/a	=	69	%	EPA 608	-88	-88	23	124	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	4,4'-DDD	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	4,4'-DDE	n/a	=	0.0615	µg/L	EPA 608	0.0025	0.05			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	4,4'-DDE	n/a	=	61	%	EPA 608	-88	-88	33	126	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	4,4'-DDE	n/a	=	0.0877	µg/L	EPA 608	0.0025	0.05			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	4,4'-DDE	n/a	=	88	%	EPA 608	-88	-88	33	126	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	4,4'-DDE	n/a	=	35	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	4,4'-DDE	n/a	=	0.0868	µg/L	EPA 608	0.0025	0.05			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	4,4'-DDE	n/a	=	87	%	EPA 608	-88	-88	33	126	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	4,4'-DDE	n/a	=	0.0895	µg/L	EPA 608	0.0025	0.05			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	4,4'-DDE	n/a	=	90	%	EPA 608	-88	-88	33	126	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	4,4'-DDE	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	4,4'-DDE	n/a	DNQ	0.0873	µg/L	EPA 608	0.012	0.25			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	4,4'-DDE	n/a	=	87	%	EPA 608	-88	-88	30	114	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	4,4'-DDE	n/a	DNQ	0.0836	µg/L	EPA 608	0.012	0.25			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	4,4'-DDE	n/a	=	84	%	EPA 608	-88	-88	30	114	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	4,4'-DDT	n/a	=	0.0639	µg/L	EPA 608	0.0031	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	4,4'-DDT	n/a	=	64	%	EPA 608	-88	-88	35	147	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	4,4'-DDT	n/a	=	0.0928	µg/L	EPA 608	0.0031	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	4,4'-DDT	n/a	=	93	%	EPA 608	-88	-88	35	147	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	4,4'-DDT	n/a	=	37	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	4,4'-DDT	n/a	=	0.0932	µg/L	EPA 608	0.0031	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	4,4'-DDT	n/a	=	93	%	EPA 608	-88	-88	35	147	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	4,4'-DDT	n/a	=	0.0983	µg/L	EPA 608	0.0031	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	4,4'-DDT	n/a	=	98	%	EPA 608	-88	-88	35	147	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	4,4'-DDT	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	4,4'-DDT	n/a	=	0.0728	µg/L	EPA 608	0.016	0.05			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	4,4'-DDT	n/a	=	73	%	EPA 608	-88	-88	11	151	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	4,4'-DDT	n/a	=	0.0679	µg/L	EPA 608	0.016	0.05			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	4,4'-DDT	n/a	=	68	%	EPA 608	-88	-88	11	151	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	4,4'-DDT	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Acifluorfen	n/a	=	3.86	µg/L	EPA 515.3	0.06	0.4			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Acifluorfen	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Acifluorfen	n/a	=	4.15	µg/L	EPA 515.3	0.06	0.4			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Acifluorfen	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Acifluorfen	n/a	=	4.46	µg/L	EPA 515.3	0.06	0.4			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Acifluorfen	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Acifluorfen	n/a	=	4.51	µg/L	EPA 515.3	0.06	0.4			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Acifluorfen	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Acifluorfen	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Acifluorfen	n/a	=	4.09	µg/L	EPA 515.3	0.06	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Acifluorfen	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Alachlor	n/a	=	3.76	µg/L	EPA 525.2	0.022	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Alachlor	n/a	=	75	%	EPA 525.2	-88	-88	55	124	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Alachlor	n/a	=	4.39	µg/L	EPA 525.2	0.022	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Alachlor	n/a	=	88	%	EPA 525.2	-88	-88	55	124	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Alachlor	n/a	=	5.47	µg/L	EPA 525.2	0.022	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Alachlor	n/a	=	109	%	EPA 525.2	-88	-88	44	149	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Alachlor	n/a	=	4.75	µg/L	EPA 525.2	0.022	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	44	149	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Alachlor	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Aldrin	n/a	=	0.0588	µg/L	EPA 608	0.0015	0.005			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Aldrin	n/a	=	59	%	EPA 608	-88	-88	18	117	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Aldrin	n/a	=	0.0849	µg/L	EPA 608	0.0015	0.005			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Aldrin	n/a	=	85	%	EPA 608	-88	-88	18	117	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Aldrin	n/a	=	36	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Aldrin	n/a	=	0.08	µg/L	EPA 608	0.0015	0.005			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Aldrin	n/a	=	80	%	EPA 608	-88	-88	18	117	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Aldrin	n/a	=	0.0842	µg/L	EPA 608	0.0015	0.005			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Aldrin	n/a	=	84	%	EPA 608	-88	-88	18	117	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Aldrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	Aldrin	n/a	=	0.0666	µg/L	EPA 608	0.0075	0.025			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	Aldrin	n/a	=	67	%	EPA 608	-88	-88	18	110	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	Aldrin	n/a	=	0.0668	µg/L	EPA 608	0.0075	0.025			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	Aldrin	n/a	=	67	%	EPA 608	-88	-88	18	110	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	Aldrin	n/a	=	0.1	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	alpha-BHC	n/a	=	0.0611	µg/L	EPA 608	0.0018	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	alpha-BHC	n/a	=	61	%	EPA 608	-88	-88	47	119	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	alpha-BHC	n/a	=	0.0916	µg/L	EPA 608	0.0018	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	alpha-BHC	n/a	=	92	%	EPA 608	-88	-88	47	119	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	alpha-BHC	n/a	=	40	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	alpha-BHC	n/a	=	0.0854	µg/L	EPA 608	0.0018	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	alpha-BHC	n/a	=	85	%	EPA 608	-88	-88	47	119	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	alpha-BHC	n/a	=	0.0896	µg/L	EPA 608	0.0018	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	alpha-BHC	n/a	=	90	%	EPA 608	-88	-88	47	119	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	alpha-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	alpha-BHC	n/a	=	0.0662	µg/L	EPA 608	0.009	0.05			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	alpha-BHC	n/a	=	66	%	EPA 608	-88	-88	43	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	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	alpha-BHC	n/a	=	0.0692	µg/L	EPA 608	0.009	0.05			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	alpha-BHC	n/a	=	69	%	EPA 608	-88	-88	43	114	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	alpha-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Atrazine	n/a	=	4.06	µg/L	EPA 525.2	0.034	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Atrazine	n/a	=	81	%	EPA 525.2	-88	-88	67	131	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Atrazine	n/a	=	4.13	µg/L	EPA 525.2	0.034	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Atrazine	n/a	=	83	%	EPA 525.2	-88	-88	67	131	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Atrazine	n/a	=	2.9	µg/L	EPA 525.2	0.034	0.1			GB
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Atrazine	n/a	=	58	%	EPA 525.2	-88	-88	67	145	GB
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Atrazine	n/a	=	3.09	µg/L	EPA 525.2	0.034	0.1			GB
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Atrazine	n/a	=	62	%	EPA 525.2	-88	-88	67	145	GB
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Atrazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Azinphos methyl	n/a	=	0.04	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Azinphos methyl	n/a	=	80	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Azinphos methyl	n/a	=	0.0542	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Azinphos methyl	n/a	=	108	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Azinphos methyl	n/a	=	0.0349	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Azinphos methyl	n/a	=	70	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Azinphos methyl	n/a	=	0.037	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Azinphos methyl	n/a	=	74	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Azinphos methyl	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Azinphos methyl	n/a	=	0.0456	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Azinphos methyl	n/a	=	91	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Azinphos methyl	n/a	=	0.0496	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Azinphos methyl	n/a	=	99	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Azinphos methyl	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Bentazon	n/a	=	16.3	µg/L	EPA 515.3	0.11	2			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Bentazon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Bentazon	n/a	=	17	µg/L	EPA 515.3	0.11	2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Bentazon	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Bentazon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Bentazon	n/a	=	17.1	µg/L	EPA 515.3	0.11	2			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Bentazon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Bentazon	n/a	=	18.2	µg/L	EPA 515.3	0.11	2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Bentazon	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Bentazon	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Bentazon	n/a	=	15.7	µg/L	EPA 515.3	0.11	2			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Bentazon	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	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	
2015/16-3	Lab	LCS	2/11/2016	Pesticide	beta-BHC	n/a	=	0.0648	µg/L	EPA 608	0.0031	0.005			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	beta-BHC	n/a	=	65	%	EPA 608	-88	-88	53	123	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	beta-BHC	n/a	=	0.102	µg/L	EPA 608	0.0031	0.005			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	beta-BHC	n/a	=	102	%	EPA 608	-88	-88	53	123	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	beta-BHC	n/a	=	45	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	beta-BHC	n/a	=	0.101	µg/L	EPA 608	0.0031	0.005			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	beta-BHC	n/a	=	101	%	EPA 608	-88	-88	53	123	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	beta-BHC	n/a	=	0.106	µg/L	EPA 608	0.0031	0.005			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	beta-BHC	n/a	=	106	%	EPA 608	-88	-88	53	123	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	beta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	beta-BHC	n/a	=	0.0628	µg/L	EPA 608	0.016	0.025			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	beta-BHC	n/a	=	63	%	EPA 608	-88	-88	24	135	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	beta-BHC	n/a	=	0.0578	µg/L	EPA 608	0.016	0.025			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	beta-BHC	n/a	=	58	%	EPA 608	-88	-88	24	135	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	beta-BHC	n/a	=	8	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Bolstar	n/a	=	0.0255	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Bolstar	n/a	=	51	%	EPA 525.2m	-88	-88	11	166	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Bolstar	n/a	=	0.0269	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Bolstar	n/a	=	54	%	EPA 525.2m	-88	-88	11	166	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Bolstar	n/a	=	0.0336	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Bolstar	n/a	=	67	%	EPA 525.2m	-88	-88	4	184	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Bolstar	n/a	=	0.0379	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Bolstar	n/a	=	76	%	EPA 525.2m	-88	-88	4	184	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Bolstar	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Bolstar	n/a	=	0.0332	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Bolstar	n/a	=	66	%	EPA 525.2m	-88	-88	4	184	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Bolstar	n/a	=	0.0367	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Bolstar	n/a	=	73	%	EPA 525.2m	-88	-88	4	184	
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Bolstar	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Bromacil	n/a	=	5.8	µg/L	EPA 525.2	0.038	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Bromacil	n/a	=	116	%	EPA 525.2	-88	-88	62	139	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Bromacil	n/a	=	6.07	µg/L	EPA 525.2	0.038	1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Bromacil	n/a	=	121	%	EPA 525.2	-88	-88	62	139	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Bromacil	n/a	=	6.82	µg/L	EPA 525.2	0.038	1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Bromacil	n/a	=	136	%	EPA 525.2	-88	-88	60	160	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Bromacil	n/a	=	6.98	µg/L	EPA 525.2	0.038	1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Bromacil	n/a	=	140	%	EPA 525.2	-88	-88	60	160	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Butachlor	n/a	=	4.35	µg/L	EPA 525.2	0.017	0.2			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Butachlor	n/a	=	87	%	EPA 525.2	-88	-88	61	127	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Butachlor	n/a	=	5.13	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	
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Butachlor	n/a	=	103	%	EPA 525.2	-88	-88	61	127	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Butachlor	n/a	=	6.58	µg/L	EPA 525.2	0.017	0.2			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Butachlor	n/a	=	132	%	EPA 525.2	-88	-88	53	146	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Butachlor	n/a	=	5.82	µg/L	EPA 525.2	0.017	0.2			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Butachlor	n/a	=	116	%	EPA 525.2	-88	-88	53	146	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Butachlor	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Captan	n/a	=	4.72	µg/L	EPA 525.2	0.86	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Captan	n/a	=	94	%	EPA 525.2	-88	-88	14	159	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Captan	n/a	=	4.83	µg/L	EPA 525.2	0.86	1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Captan	n/a	=	97	%	EPA 525.2	-88	-88	14	159	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Captan	n/a	=	5.74	µg/L	EPA 525.2	0.86	1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Captan	n/a	=	115	%	EPA 525.2	-88	-88	1	183	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Captan	n/a	=	5.58	µg/L	EPA 525.2	0.86	1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Captan	n/a	=	112	%	EPA 525.2	-88	-88	1	183	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Captan	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Chloroprotham	n/a	=	4.98	µg/L	EPA 525.2	0.01	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Chloroprotham	n/a	=	100	%	EPA 525.2	-88	-88	77	143	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Chloroprotham	n/a	=	4.9	µg/L	EPA 525.2	0.01	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Chloroprotham	n/a	=	98	%	EPA 525.2	-88	-88	77	143	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Chloroprotham	n/a	=	4.81	µg/L	EPA 525.2	0.01	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Chloroprotham	n/a	=	96	%	EPA 525.2	-88	-88	80	156	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Chloroprotham	n/a	=	4.86	µg/L	EPA 525.2	0.01	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Chloroprotham	n/a	=	97	%	EPA 525.2	-88	-88	80	156	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Chloroprotham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Chlorpyrifos	n/a	=	0.041	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Chlorpyrifos	n/a	=	82	%	EPA 525.2m	-88	-88	37	169	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Chlorpyrifos	n/a	=	0.051	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Chlorpyrifos	n/a	=	102	%	EPA 525.2m	-88	-88	37	169	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Chlorpyrifos	n/a	=	0.0441	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Chlorpyrifos	n/a	=	88	%	EPA 525.2m	-88	-88	37	168	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Chlorpyrifos	n/a	=	0.0396	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Chlorpyrifos	n/a	=	79	%	EPA 525.2m	-88	-88	37	168	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Chlorpyrifos	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Chlorpyrifos	n/a	=	0.0452	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Chlorpyrifos	n/a	=	90	%	EPA 525.2m	-88	-88	37	168	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Chlorpyrifos	n/a	=	0.0861	µg/L	EPA 525.2m	0.0069	0.01			GB,IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Chlorpyrifos	n/a	=	172	%	EPA 525.2m	-88	-88	37	168	GB,IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Chlorpyrifos	n/a	=	62	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	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	
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Coumaphos	n/a	=	0.0359	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Coumaphos	n/a	=	72	%	EPA 525.2m	-88	-88	0.1	225	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Coumaphos	n/a	=	0.0529	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Coumaphos	n/a	=	106	%	EPA 525.2m	-88	-88	0.1	225	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Coumaphos	n/a	=	0.0455	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Coumaphos	n/a	=	91	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Coumaphos	n/a	=	0.0431	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Coumaphos	n/a	=	86	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Coumaphos	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Coumaphos	n/a	=	0.0433	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Coumaphos	n/a	=	87	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Coumaphos	n/a	=	0.05	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Coumaphos	n/a	=	100	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Coumaphos	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Cyanazine	n/a	=	3.76	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Cyanazine	n/a	=	75	%	EPA 525.2	-88	-88	61	129	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Cyanazine	n/a	=	3.57	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Cyanazine	n/a	=	71	%	EPA 525.2	-88	-88	61	129	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Cyanazine	n/a	=	2.38	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Cyanazine	n/a	=	48	%	EPA 525.2	-88	-88	32	142	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Cyanazine	n/a	=	3.06	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Cyanazine	n/a	=	61	%	EPA 525.2	-88	-88	32	142	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Cyanazine	n/a	=	25	%	EPA 525.2	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Dalapon	n/a	=	8.31	µg/L	EPA 515.3	0.1	0.4			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Dalapon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Dalapon	n/a	=	8.47	µg/L	EPA 515.3	0.1	0.4			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Dalapon	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Dalapon	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Dalapon	n/a	=	8.64	µg/L	EPA 515.3	0.1	0.4			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Dalapon	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Dalapon	n/a	=	8.58	µg/L	EPA 515.3	0.1	0.4			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Dalapon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Dalapon	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Dalapon	n/a	=	8.36	µg/L	EPA 515.3	0.1	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Dalapon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.46	µg/L	EPA 515.3	0.07	0.1			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.68	µg/L	EPA 515.3	0.07	0.1			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.13	µg/L	EPA 515.3	0.07	0.1			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.1	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	
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.8	µg/L	EPA 515.3	0.07	0.1			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	DCPA (Dacthal)	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	delta-BHC	n/a	=	0.0704	µg/L	EPA 608	0.0025	0.005			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	delta-BHC	n/a	=	70	%	EPA 608	-88	-88	51	123	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	delta-BHC	n/a	=	0.107	µg/L	EPA 608	0.0025	0.005			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	delta-BHC	n/a	=	107	%	EPA 608	-88	-88	51	123	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	delta-BHC	n/a	=	42	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	delta-BHC	n/a	=	0.106	µg/L	EPA 608	0.0025	0.005			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	delta-BHC	n/a	=	106	%	EPA 608	-88	-88	51	123	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	delta-BHC	n/a	=	0.11	µg/L	EPA 608	0.0025	0.005			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	delta-BHC	n/a	=	110	%	EPA 608	-88	-88	51	123	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	delta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	delta-BHC	n/a	=	0.0806	µg/L	EPA 608	0.012	0.025			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	delta-BHC	n/a	=	81	%	EPA 608	-88	-88	37	122	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	delta-BHC	n/a	=	0.0781	µg/L	EPA 608	0.012	0.025			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	delta-BHC	n/a	=	78	%	EPA 608	-88	-88	37	122	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	delta-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Demeton-O	n/a	DNQ	0.0074	µg/L	EPA 525.2m	0	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Demeton-O	n/a	=	15	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Demeton-O	n/a	=	0.0196	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Demeton-O	n/a	=	39	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Demeton-O	n/a	=	0.0487	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Demeton-O	n/a	=	97	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Demeton-O	n/a	=	0.0595	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Demeton-O	n/a	=	119	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Demeton-O	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Demeton-O	n/a	=	0.0298	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Demeton-O	n/a	=	60	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Demeton-O	n/a	=	0.0639	µg/L	EPA 525.2m	0.01	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Demeton-O	n/a	=	128	%	EPA 525.2m	-88	-88	0.1	208	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Demeton-O	n/a	=	73	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Demeton-S	n/a	=	0.0316	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Demeton-S	n/a	=	63	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Demeton-S	n/a	=	0.0435	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Demeton-S	n/a	=	87	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Demeton-S	n/a	=	0.0396	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Demeton-S	n/a	=	79	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Demeton-S	n/a	=	0.0564	µg/L	EPA 525.2m	0.01	0.01			IL

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Demeton-S	n/a	=	113	%	EPA 525.2m	-88	-88	0.1	207	IL
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Demeton-S	n/a	=	35	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Demeton-S	n/a	=	0.0539	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Demeton-S	n/a	=	108	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Demeton-S	n/a	=	0.0823	µg/L	EPA 525.2m	0.01	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Demeton-S	n/a	=	165	%	EPA 525.2m	-88	-88	0.1	207	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Demeton-S	n/a	=	42	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Diazinon	n/a	=	0.0236	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Diazinon	n/a	=	47	%	EPA 525.2m	-88	-88	43	152	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Diazinon	n/a	=	0.0371	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Diazinon	n/a	=	74	%	EPA 525.2m	-88	-88	43	152	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Diazinon	n/a	=	4.76	µg/L	EPA 525.2	0.096	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Diazinon	n/a	=	95	%	EPA 525.2	-88	-88	30	120	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Diazinon	n/a	=	5.96	µg/L	EPA 525.2	0.096	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Diazinon	n/a	=	119	%	EPA 525.2	-88	-88	30	120	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Diazinon	n/a	=	9.79	µg/L	EPA 525.2	0.096	0.1			GB
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Diazinon	n/a	=	196	%	EPA 525.2	-88	-88	21	153	GB
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Diazinon	n/a	=	6.31	µg/L	EPA 525.2	0.096	0.1			IL
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Diazinon	n/a	=	126	%	EPA 525.2	-88	-88	21	153	IL
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Diazinon	n/a	=	43	%	EPA 525.2	-88	-88	0	30	IL
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Diazinon	n/a	=	0.0538	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Diazinon	n/a	=	108	%	EPA 525.2m	-88	-88	36	153	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Diazinon	n/a	=	0.0633	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Diazinon	n/a	=	127	%	EPA 525.2m	-88	-88	36	153	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Diazinon	n/a	=	16	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Diazinon	n/a	=	0.0547	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Diazinon	n/a	=	109	%	EPA 525.2m	-88	-88	36	153	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Diazinon	n/a	=	0.0941	µg/L	EPA 525.2m	0.0052	0.01			GB,IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Diazinon	n/a	=	188	%	EPA 525.2m	-88	-88	36	153	GB,IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Diazinon	n/a	=	53	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Dicamba	n/a	=	7.6	µg/L	EPA 515.3	0.12	0.6			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Dicamba	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Dicamba	n/a	=	7.9	µg/L	EPA 515.3	0.12	0.6			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Dicamba	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Dicamba	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Dicamba	n/a	=	8.58	µg/L	EPA 515.3	0.12	0.6			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Dicamba	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Dicamba	n/a	=	8.36	µg/L	EPA 515.3	0.12	0.6			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Dicamba	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Dicamba	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Dicamba	n/a	=	7.88	µg/L	EPA 515.3	0.12	0.6			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Dicamba	n/a	=	98	%	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	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Dichlorprop	n/a	=	7.43	µg/L	EPA 515.3	0.08	0.3			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Dichlorprop	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Dichlorprop	n/a	=	7.83	µg/L	EPA 515.3	0.08	0.3			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Dichlorprop	n/a	=	8.93	µg/L	EPA 515.3	0.08	0.3			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Dichlorprop	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Dichlorprop	n/a	=	8.83	µg/L	EPA 515.3	0.08	0.3			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Dichlorprop	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Dichlorprop	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Dichlorprop	n/a	=	8.3	µg/L	EPA 515.3	0.08	0.3			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Dichlorvos	n/a	=	0.037	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Dichlorvos	n/a	=	74	%	EPA 525.2m	-88	-88	46	133	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Dichlorvos	n/a	=	0.0369	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Dichlorvos	n/a	=	74	%	EPA 525.2m	-88	-88	46	133	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Dichlorvos	n/a	=	0.0471	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Dichlorvos	n/a	=	94	%	EPA 525.2m	-88	-88	42	137	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Dichlorvos	n/a	=	0.0499	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Dichlorvos	n/a	=	100	%	EPA 525.2m	-88	-88	42	137	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Dichlorvos	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Dichlorvos	n/a	=	0.0459	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Dichlorvos	n/a	=	92	%	EPA 525.2m	-88	-88	42	137	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Dichlorvos	n/a	=	0.0522	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Dichlorvos	n/a	=	104	%	EPA 525.2m	-88	-88	42	137	
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Dichlorvos	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Dieldrin	n/a	=	0.061	µg/L	EPA 608	0.0021	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Dieldrin	n/a	=	61	%	EPA 608	-88	-88	48	123	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Dieldrin	n/a	=	0.0882	µg/L	EPA 608	0.0021	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Dieldrin	n/a	=	88	%	EPA 608	-88	-88	48	123	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Dieldrin	n/a	=	36	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Dieldrin	n/a	=	0.0875	µg/L	EPA 608	0.0021	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Dieldrin	n/a	=	87	%	EPA 608	-88	-88	48	123	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Dieldrin	n/a	=	0.0901	µg/L	EPA 608	0.0021	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Dieldrin	n/a	=	90	%	EPA 608	-88	-88	48	123	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Dieldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	Dieldrin	n/a	=	0.0702	µg/L	EPA 608	0.01	0.05			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	Dieldrin	n/a	=	70	%	EPA 608	-88	-88	27	132	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	Dieldrin	n/a	=	0.0698	µg/L	EPA 608	0.01	0.05			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	Dieldrin	n/a	=	70	%	EPA 608	-88	-88	27	132	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	Dieldrin	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Dimethoate	n/a	=	0.0467	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Dimethoate	n/a	=	93	%	EPA 525.2m	-88	-88	10	234	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Dimethoate	n/a	=	0.0607	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Dimethoate	n/a	=	121	%	EPA 525.2m	-88	-88	10	234	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Dimethoate	n/a	=	3.69	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Dimethoate	n/a	=	74	%	EPA 525.2	-88	-88	38	102	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Dimethoate	n/a	=	3.53	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Dimethoate	n/a	=	71	%	EPA 525.2	-88	-88	38	102	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Dimethoate	n/a	=	3.92	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Dimethoate	n/a	=	78	%	EPA 525.2	-88	-88	40	132	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Dimethoate	n/a	=	3.78	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Dimethoate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Dimethoate	n/a	=	0.0396	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Dimethoate	n/a	=	79	%	EPA 525.2m	-88	-88	4	222	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Dimethoate	n/a	=	0.0567	µg/L	EPA 525.2m	0.0062	0.01			IL
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Dimethoate	n/a	=	113	%	EPA 525.2m	-88	-88	4	222	IL
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Dimethoate	n/a	=	36	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Dimethoate	n/a	=	0.0625	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Dimethoate	n/a	=	125	%	EPA 525.2m	-88	-88	4	222	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Dimethoate	n/a	=	0.0969	µg/L	EPA 525.2m	0.0062	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Dimethoate	n/a	=	194	%	EPA 525.2m	-88	-88	4	222	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Dimethoate	n/a	=	43	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Dinoseb	n/a	=	4.02	µg/L	EPA 515.3	0.14	0.4			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Dinoseb	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Dinoseb	n/a	=	4.07	µg/L	EPA 515.3	0.14	0.4			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Dinoseb	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Dinoseb	n/a	=	4.36	µg/L	EPA 515.3	0.14	0.4			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Dinoseb	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Dinoseb	n/a	=	4.25	µg/L	EPA 515.3	0.14	0.4			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Dinoseb	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Dinoseb	n/a	=	4.08	µg/L	EPA 515.3	0.14	0.4			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Diphenamid	n/a	=	4.59	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Diphenamid	n/a	=	92	%	EPA 525.2	-88	-88	77	124	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Diphenamid	n/a	=	4.6	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Diphenamid	n/a	=	92	%	EPA 525.2	-88	-88	77	124	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Diphenamid	n/a	=	4.26	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Diphenamid	n/a	=	85	%	EPA 525.2	-88	-88	80	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	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Diphenamid	n/a	=	4.31	µg/L	EPA 525.2	0.024	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Diphenamid	n/a	=	86	%	EPA 525.2	-88	-88	80	130	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Disulfoton	n/a	=	0.0255	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Disulfoton	n/a	=	51	%	EPA 525.2m	-88	-88	0.1	212	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Disulfoton	n/a	=	0.0399	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Disulfoton	n/a	=	80	%	EPA 525.2m	-88	-88	0.1	212	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Disulfoton	n/a	=	3.08	µg/L	EPA 525.2	0.031	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Disulfoton	n/a	=	62	%	EPA 525.2	-88	-88	54	156	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Disulfoton	n/a	=	4.55	µg/L	EPA 525.2	0.031	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Disulfoton	n/a	=	91	%	EPA 525.2	-88	-88	54	156	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Disulfoton	n/a	=	11.3	µg/L	EPA 525.2	0.031	0.1			GB
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Disulfoton	n/a	=	226	%	EPA 525.2	-88	-88	24	164	GB
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Disulfoton	n/a	=	10.8	µg/L	EPA 525.2	0.031	0.1			GB
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Disulfoton	n/a	=	217	%	EPA 525.2	-88	-88	24	164	GB
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Disulfoton	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Disulfoton	n/a	=	0.0416	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Disulfoton	n/a	=	83	%	EPA 525.2m	-88	-88	12	199	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Disulfoton	n/a	=	0.0451	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Disulfoton	n/a	=	90	%	EPA 525.2m	-88	-88	12	199	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Disulfoton	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Disulfoton	n/a	=	0.0555	µg/L	EPA 525.2m	0.01	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Disulfoton	n/a	=	111	%	EPA 525.2m	-88	-88	12	199	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Disulfoton	n/a	=	0.0848	µg/L	EPA 525.2m	0.01	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Disulfoton	n/a	=	170	%	EPA 525.2m	-88	-88	12	199	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Disulfoton	n/a	=	42	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Endosulfan I	n/a	=	0.0523	µg/L	EPA 608	0.0017	0.02			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Endosulfan I	n/a	=	52	%	EPA 608	-88	-88	14	131	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Endosulfan I	n/a	=	0.0757	µg/L	EPA 608	0.0017	0.02			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Endosulfan I	n/a	=	76	%	EPA 608	-88	-88	14	131	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Endosulfan I	n/a	=	37	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Endosulfan I	n/a	=	0.074	µg/L	EPA 608	0.0017	0.02			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Endosulfan I	n/a	=	74	%	EPA 608	-88	-88	14	131	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Endosulfan I	n/a	=	0.0768	µg/L	EPA 608	0.0017	0.02			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Endosulfan I	n/a	=	77	%	EPA 608	-88	-88	14	131	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	Endosulfan I	n/a	DNQ	0.054	µg/L	EPA 608	0.0085	0.1			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	Endosulfan I	n/a	=	54	%	EPA 608	-88	-88	0.1	140	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	Endosulfan I	n/a	DNQ	0.0521	µg/L	EPA 608	0.0085	0.1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	Endosulfan I	n/a	=	52	%	EPA 608	-88	-88	0.1	140	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	Endosulfan I	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	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Endosulfan II	n/a	=	0.0545	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Endosulfan II	n/a	=	54	%	EPA 608	-88	-88	40	121	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Endosulfan II	n/a	=	0.0855	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Endosulfan II	n/a	=	86	%	EPA 608	-88	-88	40	121	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Endosulfan II	n/a	=	44	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Endosulfan II	n/a	=	0.0853	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Endosulfan II	n/a	=	85	%	EPA 608	-88	-88	40	121	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Endosulfan II	n/a	=	0.0862	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Endosulfan II	n/a	=	86	%	EPA 608	-88	-88	40	121	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Endosulfan II	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	Endosulfan II	n/a	=	0.0577	µg/L	EPA 608	0.0095	0.05			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	Endosulfan II	n/a	=	58	%	EPA 608	-88	-88	17	122	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	Endosulfan II	n/a	=	0.0582	µg/L	EPA 608	0.0095	0.05			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	Endosulfan II	n/a	=	58	%	EPA 608	-88	-88	17	122	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	Endosulfan II	n/a	=	0.9	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0627	µg/L	EPA 608	0.008	0.05			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Endosulfan sulfate	n/a	=	63	%	EPA 608	-88	-88	44	140	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0985	µg/L	EPA 608	0.008	0.05			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Endosulfan sulfate	n/a	=	99	%	EPA 608	-88	-88	44	140	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Endosulfan sulfate	n/a	=	44	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0968	µg/L	EPA 608	0.008	0.05			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Endosulfan sulfate	n/a	=	97	%	EPA 608	-88	-88	44	140	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0999	µg/L	EPA 608	0.008	0.05			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Endosulfan sulfate	n/a	=	100	%	EPA 608	-88	-88	44	140	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Endosulfan sulfate	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	Endosulfan sulfate	n/a	DNQ	0.0416	µg/L	EPA 608	0.04	0.25			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	Endosulfan sulfate	n/a	=	42	%	EPA 608	-88	-88	37	131	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	Endosulfan sulfate	n/a	DNQ	0.056	µg/L	EPA 608	0.04	0.25			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	Endosulfan sulfate	n/a	=	56	%	EPA 608	-88	-88	37	131	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	Endosulfan sulfate	n/a	=	30	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Endrin	n/a	=	0.0656	µg/L	EPA 608	0.0028	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Endrin	n/a	=	66	%	EPA 608	-88	-88	40	143	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Endrin	n/a	=	0.0939	µg/L	EPA 608	0.0028	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Endrin	n/a	=	94	%	EPA 608	-88	-88	40	143	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Endrin	n/a	=	36	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Endrin	n/a	=	0.0936	µg/L	EPA 608	0.0028	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Endrin	n/a	=	94	%	EPA 608	-88	-88	40	143	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Endrin	n/a	=	0.096	µg/L	EPA 608	0.0028	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Endrin	n/a	=	96	%	EPA 608	-88	-88	40	143	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Endrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	Endrin	n/a	=	0.0832	µg/L	EPA 608	0.014	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	
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	Endrin	n/a	=	83	%	EPA 608	-88	-88	42	144	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	Endrin	n/a	=	0.0756	µg/L	EPA 608	0.014	0.05			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	Endrin	n/a	=	76	%	EPA 608	-88	-88	42	144	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	Endrin	n/a	=	10	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Endrin aldehyde	n/a	=	0.0712	µg/L	EPA 608	0.003	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Endrin aldehyde	n/a	=	71	%	EPA 608	-88	-88	18	136	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Endrin aldehyde	n/a	=	0.101	µg/L	EPA 608	0.003	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Endrin aldehyde	n/a	=	101	%	EPA 608	-88	-88	18	136	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Endrin aldehyde	n/a	=	35	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Endrin aldehyde	n/a	=	0.102	µg/L	EPA 608	0.003	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Endrin aldehyde	n/a	=	102	%	EPA 608	-88	-88	18	136	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Endrin aldehyde	n/a	=	0.107	µg/L	EPA 608	0.003	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Endrin aldehyde	n/a	=	107	%	EPA 608	-88	-88	18	136	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Endrin aldehyde	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	Endrin aldehyde	n/a	DNQ	0.0499	µg/L	EPA 608	0.015	0.05			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	Endrin aldehyde	n/a	=	50	%	EPA 608	-88	-88	11	113	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	Endrin aldehyde	n/a	=	0.0571	µg/L	EPA 608	0.015	0.05			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	Endrin aldehyde	n/a	=	57	%	EPA 608	-88	-88	11	113	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	Endrin aldehyde	n/a	=	13	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	EPTC	n/a	=	4.15	µg/L	EPA 525.2	0.017	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	EPTC	n/a	=	83	%	EPA 525.2	-88	-88	82	116	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	EPTC	n/a	=	4.2	µg/L	EPA 525.2	0.017	1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	EPTC	n/a	=	84	%	EPA 525.2	-88	-88	82	116	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	EPTC	n/a	=	4.7	µg/L	EPA 525.2	0.017	1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	EPTC	n/a	=	94	%	EPA 525.2	-88	-88	75	126	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	EPTC	n/a	=	4.41	µg/L	EPA 525.2	0.017	1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	EPTC	n/a	=	88	%	EPA 525.2	-88	-88	75	126	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	EPTC	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Ethoprop	n/a	=	0.0435	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Ethoprop	n/a	=	87	%	EPA 525.2m	-88	-88	53	163	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Ethoprop	n/a	=	0.0487	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Ethoprop	n/a	=	97	%	EPA 525.2m	-88	-88	53	163	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Ethoprop	n/a	=	0.0704	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Ethoprop	n/a	=	141	%	EPA 525.2m	-88	-88	51	167	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Ethoprop	n/a	=	0.0851	µg/L	EPA 525.2m	0.0067	0.01			GB
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Ethoprop	n/a	=	170	%	EPA 525.2m	-88	-88	51	167	GB
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Ethoprop	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Ethoprop	n/a	=	0.0766	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Ethoprop	n/a	=	153	%	EPA 525.2m	-88	-88	51	167	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Ethoprop	n/a	=	0.0932	µg/L	EPA 525.2m	0.0067	0.01			GB
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Ethoprop	n/a	=	186	%	EPA 525.2m	-88	-88	51	167	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	
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Ethoprop	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Ethyl parathion	n/a	=	0.0414	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Ethyl parathion	n/a	=	83	%	EPA 525.2m	-88	-88	7	230	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Ethyl parathion	n/a	=	0.0522	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Ethyl parathion	n/a	=	104	%	EPA 525.2m	-88	-88	7	230	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Ethyl parathion	n/a	=	0.032	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Ethyl parathion	n/a	=	64	%	EPA 525.2m	-88	-88	5	229	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Ethyl parathion	n/a	=	0.0264	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Ethyl parathion	n/a	=	53	%	EPA 525.2m	-88	-88	5	229	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Ethyl parathion	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Ethyl parathion	n/a	=	0.0356	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Ethyl parathion	n/a	=	71	%	EPA 525.2m	-88	-88	5	229	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Ethyl parathion	n/a	=	0.0759	µg/L	EPA 525.2m	0.0054	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Ethyl parathion	n/a	=	152	%	EPA 525.2m	-88	-88	5	229	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Ethyl parathion	n/a	=	72	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Fensulfothion	n/a	=	0.0427	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Fensulfothion	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Fensulfothion	n/a	=	0.0445	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Fensulfothion	n/a	=	89	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Fensulfothion	n/a	=	0.0303	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Fensulfothion	n/a	=	61	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Fensulfothion	n/a	=	0.0334	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Fensulfothion	n/a	=	67	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Fensulfothion	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Fensulfothion	n/a	=	0.0366	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Fensulfothion	n/a	=	73	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Fensulfothion	n/a	=	0.0379	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Fensulfothion	n/a	=	76	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Fensulfothion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Fenthion	n/a	=	0.0387	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Fenthion	n/a	=	77	%	EPA 525.2m	-88	-88	20	177	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Fenthion	n/a	=	0.0533	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Fenthion	n/a	=	107	%	EPA 525.2m	-88	-88	20	177	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Fenthion	n/a	=	0.0507	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Fenthion	n/a	=	101	%	EPA 525.2m	-88	-88	23	169	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Fenthion	n/a	=	0.0542	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Fenthion	n/a	=	108	%	EPA 525.2m	-88	-88	23	169	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Fenthion	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Fenthion	n/a	=	0.0685	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Fenthion	n/a	=	137	%	EPA 525.2m	-88	-88	23	169	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Fenthion	n/a	=	0.117	µg/L	EPA 525.2m	0.0038	0.01			GB,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	
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Fenthion	n/a	=	234	%	EPA 525.2m	-88	-88	23	169	GB,IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Fenthion	n/a	=	52	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0617	µg/L	EPA 608	0.0021	0.02			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	62	%	EPA 608	-88	-88	49	117	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0911	µg/L	EPA 608	0.0021	0.02			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	91	%	EPA 608	-88	-88	49	117	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	38	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0856	µg/L	EPA 608	0.0021	0.02			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608	-88	-88	49	117	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0904	µg/L	EPA 608	0.0021	0.02			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	90	%	EPA 608	-88	-88	49	117	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.0747	µg/L	EPA 608	0.01	0.1			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	75	%	EPA 608	-88	-88	33	112	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	gamma-BHC (Lindane)	n/a	DNQ	0.0742	µg/L	EPA 608	0.01	0.1			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	74	%	EPA 608	-88	-88	33	112	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.7	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-3	000NONPJ	matrix spike	2/2/2016	Pesticide	Glyphosate	n/a	=	30.7	µg/L	EPA 547	1.8	5			
2015/16-3	000NONPJ	matrix spike, rec	2/2/2016	Pesticide	Glyphosate	n/a	=	123	%	EPA 547	-88	-88	41	149	
2015/16-3	000NONPJ	matrix spike dup	2/2/2016	Pesticide	Glyphosate	n/a	=	29.7	µg/L	EPA 547	1.8	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/2/2016	Pesticide	Glyphosate	n/a	=	119	%	EPA 547	-88	-88	41	149	
2015/16-3	000NONPJ	matrix spike, RPD	2/2/2016	Pesticide	Glyphosate	n/a	=	3	%	EPA 547	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/3/2016	Pesticide	Glyphosate	n/a	=	17.6	µg/L	EPA 547	1.8	5			
2015/16-3	000NONPJ	matrix spike, rec	2/3/2016	Pesticide	Glyphosate	n/a	=	61	%	EPA 547	-88	-88	41	149	
2015/16-3	000NONPJ	matrix spike dup	2/3/2016	Pesticide	Glyphosate	n/a	=	14.4	µg/L	EPA 547	1.8	5			
2015/16-3	000NONPJ	matrix spike dup, rec	2/3/2016	Pesticide	Glyphosate	n/a	=	48	%	EPA 547	-88	-88	41	149	
2015/16-3	000NONPJ	matrix spike, RPD	2/3/2016	Pesticide	Glyphosate	n/a	=	20	%	EPA 547	-88	-88	0	30	
2015/16-3	Lab	method blank	2/2/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2015/16-3	Lab	LCS	2/2/2016	Pesticide	Glyphosate	n/a	=	26.4	µg/L	EPA 547	1.8	5			
2015/16-3	Lab	LCS, rec	2/2/2016	Pesticide	Glyphosate	n/a	=	106	%	EPA 547	-88	-88	62	130	
2015/16-3	Lab	method blank	2/3/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2015/16-3	Lab	LCS	2/3/2016	Pesticide	Glyphosate	n/a	=	19.9	µg/L	EPA 547	1.8	5			
2015/16-3	Lab	LCS, rec	2/3/2016	Pesticide	Glyphosate	n/a	=	80	%	EPA 547	-88	-88	62	130	
2015/16-3	MO-CAM	matrix spike	2/2/2016	Pesticide	Glyphosate	n/a	=	23	µg/L	EPA 547	1.8	5			
2015/16-3	MO-CAM	matrix spike, rec	2/2/2016	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	41	149	
2015/16-3	MO-CAM	matrix spike dup	2/2/2016	Pesticide	Glyphosate	n/a	=	28.9	µg/L	EPA 547	1.8	5			
2015/16-3	MO-CAM	matrix spike dup, rec	2/2/2016	Pesticide	Glyphosate	n/a	=	116	%	EPA 547	-88	-88	41	149	
2015/16-3	MO-CAM	matrix spike, RPD	2/2/2016	Pesticide	Glyphosate	n/a	=	23	%	EPA 547	-88	-88	0	30	
2015/16-3	MO-HUE	matrix spike	2/3/2016	Pesticide	Glyphosate	n/a	=	20.6	µg/L	EPA 547	1.8	5			
2015/16-3	MO-HUE	matrix spike, rec	2/3/2016	Pesticide	Glyphosate	n/a	=	82	%	EPA 547	-88	-88	41	149	
2015/16-3	MO-HUE	matrix spike dup	2/3/2016	Pesticide	Glyphosate	n/a	=	21	µg/L	EPA 547	1.8	5			
2015/16-3	MO-HUE	matrix spike dup, rec	2/3/2016	Pesticide	Glyphosate	n/a	=	84	%	EPA 547	-88	-88	41	149	
2015/16-3	MO-HUE	matrix spike, RPD	2/3/2016	Pesticide	Glyphosate	n/a	=	2	%	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	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Heptachlor	n/a	=	0.0608	µg/L	EPA 608	0.0017	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Heptachlor	n/a	=	61	%	EPA 608	-88	-88	31	130	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Heptachlor	n/a	=	0.0881	µg/L	EPA 608	0.0017	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Heptachlor	n/a	=	88	%	EPA 608	-88	-88	31	130	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Heptachlor	n/a	=	37	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Heptachlor	n/a	=	0.0906	µg/L	EPA 608	0.0017	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Heptachlor	n/a	=	91	%	EPA 608	-88	-88	31	130	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Heptachlor	n/a	=	0.0904	µg/L	EPA 608	0.0017	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Heptachlor	n/a	=	90	%	EPA 608	-88	-88	31	130	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Heptachlor	n/a	=	0.2	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	Heptachlor	n/a	=	0.072	µg/L	EPA 608	0.0085	0.05			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	Heptachlor	n/a	=	72	%	EPA 608	-88	-88	28	131	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	Heptachlor	n/a	=	0.0724	µg/L	EPA 608	0.0085	0.05			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	Heptachlor	n/a	=	72	%	EPA 608	-88	-88	28	131	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	Heptachlor	n/a	=	0.6	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0595	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Heptachlor epoxide	n/a	=	59	%	EPA 608	-88	-88	49	122	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0853	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Heptachlor epoxide	n/a	=	85	%	EPA 608	-88	-88	49	122	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Heptachlor epoxide	n/a	=	36	%	EPA 608	-88	-88	0	30	IL
2015/16-3	Lab	LCS	2/11/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0832	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	LCS, rec	2/11/2016	Pesticide	Heptachlor epoxide	n/a	=	83	%	EPA 608	-88	-88	49	122	
2015/16-3	Lab	LCS dup	2/11/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0864	µg/L	EPA 608	0.0019	0.01			
2015/16-3	Lab	LCS dup, rec	2/11/2016	Pesticide	Heptachlor epoxide	n/a	=	86	%	EPA 608	-88	-88	49	122	
2015/16-3	Lab	LCS, RPD	2/11/2016	Pesticide	Heptachlor epoxide	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/12/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0648	µg/L	EPA 608	0.0095	0.05			
2015/16-3	MO-SIM	matrix spike, rec	2/12/2016	Pesticide	Heptachlor epoxide	n/a	=	65	%	EPA 608	-88	-88	36	117	
2015/16-3	MO-SIM	matrix spike dup	2/12/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0643	µg/L	EPA 608	0.0095	0.05			
2015/16-3	MO-SIM	matrix spike dup, rec	2/12/2016	Pesticide	Heptachlor epoxide	n/a	=	64	%	EPA 608	-88	-88	36	117	
2015/16-3	MO-SIM	matrix spike, RPD	2/12/2016	Pesticide	Heptachlor epoxide	n/a	=	0.8	%	EPA 608	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Malathion	n/a	=	0.0405	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Malathion	n/a	=	81	%	EPA 525.2m	-88	-88	14	175	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Malathion	n/a	=	0.0501	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Malathion	n/a	=	100	%	EPA 525.2m	-88	-88	14	175	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Malathion	n/a	=	0.079	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Malathion	n/a	=	47	%	EPA 525.2m	-88	-88	6	184	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Malathion	n/a	=	0.0791	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Malathion	n/a	=	47	%	EPA 525.2m	-88	-88	6	184	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Malathion	n/a	=	0.01	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Malathion	n/a	=	0.0582	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Malathion	n/a	=	96	%	EPA 525.2m	-88	-88	6	184	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Malathion	n/a	=	0.106	µg/L	EPA 525.2m	0.0076	0.01			GB,IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Malathion	n/a	=	191	%	EPA 525.2m	-88	-88	6	184	GB,IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Malathion	n/a	=	58	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Merphos	n/a	=	0.0408	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Merphos	n/a	=	82	%	EPA 525.2m	-88	-88	28	181	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Merphos	n/a	=	0.0366	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Merphos	n/a	=	73	%	EPA 525.2m	-88	-88	28	181	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Merphos	n/a	=	0.0116	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Merphos	n/a	=	23	%	EPA 525.2m	-88	-88	3	210	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Merphos	n/a	=	0.0142	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Merphos	n/a	=	28	%	EPA 525.2m	-88	-88	3	210	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Merphos	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Merphos	n/a	=	0.0224	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Merphos	n/a	=	45	%	EPA 525.2m	-88	-88	3	210	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Merphos	n/a	=	0.0234	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Merphos	n/a	=	47	%	EPA 525.2m	-88	-88	3	210	
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Merphos	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Methyl parathion	n/a	=	0.0427	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Methyl parathion	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Methyl parathion	n/a	=	0.0559	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Methyl parathion	n/a	=	112	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Methyl parathion	n/a	=	0.0354	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Methyl parathion	n/a	=	71	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Methyl parathion	n/a	=	0.0307	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Methyl parathion	n/a	=	61	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Methyl parathion	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Methyl parathion	n/a	=	0.0422	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Methyl parathion	n/a	=	84	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Methyl parathion	n/a	=	0.0813	µg/L	EPA 525.2m	0.0063	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Methyl parathion	n/a	=	163	%	EPA 525.2m	-88	-88	0.1	249	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Methyl parathion	n/a	=	63	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Metolachlor	n/a	=	3.96	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Metolachlor	n/a	=	79	%	EPA 525.2	-88	-88	61	123	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Metolachlor	n/a	=	4.56	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Metolachlor	n/a	=	91	%	EPA 525.2	-88	-88	61	123	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Metolachlor	n/a	=	5.48	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Metolachlor	n/a	=	110	%	EPA 525.2	-88	-88	60	137	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Metolachlor	n/a	=	4.75	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Metolachlor	n/a	=	95	%	EPA 525.2	-88	-88	60	137	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Metolachlor	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Metribuzin	n/a	=	3.77	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Metribuzin	n/a	=	75	%	EPA 525.2	-88	-88	50	121	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Metribuzin	n/a	=	4.02	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Metribuzin	n/a	=	80	%	EPA 525.2	-88	-88	50	121	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Metribuzin	n/a	=	5.35	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Metribuzin	n/a	=	107	%	EPA 525.2	-88	-88	47	125	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Metribuzin	n/a	=	4.86	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Metribuzin	n/a	=	97	%	EPA 525.2	-88	-88	47	125	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Metribuzin	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Mevinphos	n/a	=	0.0403	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Mevinphos	n/a	=	81	%	EPA 525.2m	-88	-88	14	202	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Mevinphos	n/a	=	0.0476	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Mevinphos	n/a	=	95	%	EPA 525.2m	-88	-88	14	202	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Mevinphos	n/a	=	0.078	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Mevinphos	n/a	=	156	%	EPA 525.2m	-88	-88	25	189	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Mevinphos	n/a	=	0.0986	µg/L	EPA 525.2m	0.0042	0.01			GB
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Mevinphos	n/a	=	197	%	EPA 525.2m	-88	-88	25	189	GB
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Mevinphos	n/a	=	23	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Mevinphos	n/a	=	0.0719	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Mevinphos	n/a	=	144	%	EPA 525.2m	-88	-88	25	189	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Mevinphos	n/a	=	0.0882	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Mevinphos	n/a	=	176	%	EPA 525.2m	-88	-88	25	189	
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Mevinphos	n/a	=	20	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Molinate	n/a	=	4.39	µg/L	EPA 525.2	0.039	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Molinate	n/a	=	88	%	EPA 525.2	-88	-88	82	117	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Molinate	n/a	=	4.48	µg/L	EPA 525.2	0.039	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Molinate	n/a	=	90	%	EPA 525.2	-88	-88	82	117	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Molinate	n/a	=	4.6	µg/L	EPA 525.2	0.039	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Molinate	n/a	=	92	%	EPA 525.2	-88	-88	81	125	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Molinate	n/a	=	4.38	µg/L	EPA 525.2	0.039	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Molinate	n/a	=	88	%	EPA 525.2	-88	-88	81	125	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Molinate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Naled	n/a	DNQ	0.0047	µg/L	EPA 525.2m	0	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Naled	n/a	=	9	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Naled	n/a	DNQ	0.0028	µg/L	EPA 525.2m	0	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Naled	n/a	=	6	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Naled	n/a	DNQ	0.0046	µg/L	EPA 525.2m	0	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Naled	n/a	=	9	%	EPA 525.2m	-88	-88	0.1	242	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Naled	n/a	DNQ	0.0034	µg/L	EPA 525.2m	0	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Naled	n/a	=	7	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Naled	n/a	=	30	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Naled	n/a	DNQ	0.0053	µg/L	EPA 525.2m	0	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Naled	n/a	=	11	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Naled	n/a	DNQ	0.0078	µg/L	EPA 525.2m	0	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Naled	n/a	=	16	%	EPA 525.2m	-88	-88	0.1	242	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Naled	n/a	=	38	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	3.66	µg/L	EPA 515.3	0.04	0.2			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	3.76	µg/L	EPA 515.3	0.04	0.2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	4.12	µg/L	EPA 515.3	0.04	0.2			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	3.99	µg/L	EPA 515.3	0.04	0.2			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	3.83	µg/L	EPA 515.3	0.04	0.2			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	method blank	2/24/2016	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2015/16-3	Lab	LCS	2/24/2016	Pesticide	Pentachlorophenol	n/a	=	8.45	µg/L	EPA 8270C	0.15	1			
2015/16-3	Lab	LCS, rec	2/24/2016	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 8270C	-88	-88	29	106	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Pentachlorophenol	n/a	=	19.3	µg/L	EPA 625	0.19	1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Pentachlorophenol	n/a	=	77	%	EPA 625	-88	-88	14	176	
2015/16-3	MO-OXN	matrix spike	2/26/2016	Pesticide	Pentachlorophenol	n/a	=	24.1	µg/L	EPA 625	0.19	1			
2015/16-3	MO-OXN	matrix spike, rec	2/26/2016	Pesticide	Pentachlorophenol	n/a	=	78	%	EPA 625	-88	-88	14	176	
2015/16-3	MO-OXN	matrix spike dup	2/26/2016	Pesticide	Pentachlorophenol	n/a	=	24.4	µg/L	EPA 625	0.19	1			
2015/16-3	MO-OXN	matrix spike dup, rec	2/26/2016	Pesticide	Pentachlorophenol	n/a	=	79	%	EPA 625	-88	-88	14	176	
2015/16-3	MO-OXN	matrix spike, RPD	2/26/2016	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/24/2016	Pesticide	Pentachlorophenol	n/a	=	16.3	µg/L	EPA 8270C	1.5	10			GB
2015/16-3	MO-SIM	matrix spike, rec	2/24/2016	Pesticide	Pentachlorophenol	n/a	=	132	%	EPA 8270C	-88	-88	7	124	GB
2015/16-3	MO-SIM	matrix spike dup	2/24/2016	Pesticide	Pentachlorophenol	n/a	=	18.5	µg/L	EPA 8270C	1.5	10			GB
2015/16-3	MO-SIM	matrix spike dup, rec	2/24/2016	Pesticide	Pentachlorophenol	n/a	=	154	%	EPA 8270C	-88	-88	7	124	GB
2015/16-3	MO-SIM	matrix spike, RPD	2/24/2016	Pesticide	Pentachlorophenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Phorate	n/a	=	0.0399	µg/L	EPA 525.2m	0.003	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Phorate	n/a	=	80	%	EPA 525.2m	-88	-88	26	180	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Phorate	n/a	=	0.0485	µg/L	EPA 525.2m	0.003	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Phorate	n/a	=	97	%	EPA 525.2m	-88	-88	26	180	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Phorate	n/a	=	0.0512	µg/L	EPA 525.2m	0.003	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Phorate	n/a	=	102	%	EPA 525.2m	-88	-88	31	181	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Phorate	n/a	=	0.0496	µg/L	EPA 525.2m	0.003	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Phorate	n/a	=	99	%	EPA 525.2m	-88	-88	31	181	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Phorate	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Phorate	n/a	=	0.0549	µg/L	EPA 525.2m	0.003	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Phorate	n/a	=	110	%	EPA 525.2m	-88	-88	31	181	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Phorate	n/a	=	0.0781	µg/L	EPA 525.2m	0.003	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Phorate	n/a	=	156	%	EPA 525.2m	-88	-88	31	181	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Phorate	n/a	=	35	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Picloram	n/a	=	3.69	µg/L	EPA 515.3	0.05	0.6			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Picloram	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Picloram	n/a	=	3.92	µg/L	EPA 515.3	0.05	0.6			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Picloram	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Picloram	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2015/16-3	000NONPJ	matrix spike	2/5/2016	Pesticide	Picloram	n/a	=	4.22	µg/L	EPA 515.3	0.05	0.6			
2015/16-3	000NONPJ	matrix spike, rec	2/5/2016	Pesticide	Picloram	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike dup	2/5/2016	Pesticide	Picloram	n/a	=	4.08	µg/L	EPA 515.3	0.05	0.6			
2015/16-3	000NONPJ	matrix spike dup, rec	2/5/2016	Pesticide	Picloram	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-3	000NONPJ	matrix spike, RPD	2/5/2016	Pesticide	Picloram	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Picloram	n/a	=	3.78	µg/L	EPA 515.3	0.05	0.6			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Picloram	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Prometon	n/a	=	1.65	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Prometon	n/a	=	33	%	EPA 525.2	-88	-88	17	101	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Prometon	n/a	=	1.93	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Prometon	n/a	=	39	%	EPA 525.2	-88	-88	17	101	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Prometon	n/a	=	4.37	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Prometon	n/a	=	87	%	EPA 525.2	-88	-88	28	112	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Prometon	n/a	=	3.52	µg/L	EPA 525.2	0.024	0.2			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Prometon	n/a	=	70	%	EPA 525.2	-88	-88	28	112	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Prometon	n/a	=	22	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Prometryn	n/a	=	3.21	µg/L	EPA 525.2	0.036	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Prometryn	n/a	=	64	%	EPA 525.2	-88	-88	57	122	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Prometryn	n/a	=	3.72	µg/L	EPA 525.2	0.036	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Prometryn	n/a	=	74	%	EPA 525.2	-88	-88	57	122	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Prometryn	n/a	=	4.33	µg/L	EPA 525.2	0.036	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Prometryn	n/a	=	87	%	EPA 525.2	-88	-88	61	127	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Prometryn	n/a	=	3.81	µg/L	EPA 525.2	0.036	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Prometryn	n/a	=	76	%	EPA 525.2	-88	-88	61	127	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Prometryn	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0396	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	79	%	EPA 525.2m	-88	-88	34	154	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0469	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	94	%	EPA 525.2m	-88	-88	34	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	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0312	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	62	%	EPA 525.2m	-88	-88	29	153	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0323	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	65	%	EPA 525.2m	-88	-88	29	153	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0436	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	87	%	EPA 525.2m	-88	-88	29	153	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0727	µg/L	EPA 525.2m	0.0041	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	145	%	EPA 525.2m	-88	-88	29	153	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	50	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Simazine	n/a	=	3.86	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Simazine	n/a	=	77	%	EPA 525.2	-88	-88	53	116	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Simazine	n/a	=	4.35	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	53	116	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Simazine	n/a	=	4.79	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Simazine	n/a	=	96	%	EPA 525.2	-88	-88	55	113	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Simazine	n/a	=	4.33	µg/L	EPA 525.2	0.015	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	55	113	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Simazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0409	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	82	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0392	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	78	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0343	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	167	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.025	µg/L	EPA 525.2m	0.0031	0.01			IL
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	50	%	EPA 525.2m	-88	-88	0.1	167	IL
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	32	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0297	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	59	%	EPA 525.2m	-88	-88	0.1	167	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0532	µg/L	EPA 525.2m	0.0031	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	106	%	EPA 525.2m	-88	-88	0.1	167	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	57	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Terbacil	n/a	=	5.41	µg/L	EPA 525.2	0.55	2			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Terbacil	n/a	=	108	%	EPA 525.2	-88	-88	70	135	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Terbacil	n/a	=	5.16	µg/L	EPA 525.2	0.55	2			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Terbacil	n/a	=	103	%	EPA 525.2	-88	-88	70	135	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Terbacil	n/a	=	5.66	µg/L	EPA 525.2	0.55	2			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	72	155	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Terbacil	n/a	=	5.59	µg/L	EPA 525.2	0.55	2			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Terbacil	n/a	=	112	%	EPA 525.2	-88	-88	72	155	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Terbacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Thiobencarb	n/a	=	4.49	µg/L	EPA 525.2	0.025	0.2			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Thiobencarb	n/a	=	90	%	EPA 525.2	-88	-88	56	125	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Thiobencarb	n/a	=	4.94	µg/L	EPA 525.2	0.025	0.2			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Thiobencarb	n/a	=	99	%	EPA 525.2	-88	-88	56	125	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Thiobencarb	n/a	=	6.23	µg/L	EPA 525.2	0.025	0.2			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Thiobencarb	n/a	=	125	%	EPA 525.2	-88	-88	45	145	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Thiobencarb	n/a	=	5.34	µg/L	EPA 525.2	0.025	0.2			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Thiobencarb	n/a	=	107	%	EPA 525.2	-88	-88	45	145	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Thiobencarb	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Tokuthion	n/a	=	0.038	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Tokuthion	n/a	=	76	%	EPA 525.2m	-88	-88	23	159	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Tokuthion	n/a	=	0.0374	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Tokuthion	n/a	=	75	%	EPA 525.2m	-88	-88	23	159	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Tokuthion	n/a	=	0.0192	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Tokuthion	n/a	=	38	%	EPA 525.2m	-88	-88	27	160	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Tokuthion	n/a	=	0.0262	µg/L	EPA 525.2m	0.0078	0.01			IL
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Tokuthion	n/a	=	52	%	EPA 525.2m	-88	-88	27	160	IL
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Tokuthion	n/a	=	31	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Tokuthion	n/a	=	0.0368	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Tokuthion	n/a	=	74	%	EPA 525.2m	-88	-88	27	160	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Tokuthion	n/a	=	0.0453	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Tokuthion	n/a	=	91	%	EPA 525.2m	-88	-88	27	160	
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Tokuthion	n/a	=	21	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-3	Lab	method blank	2/11/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-3	Lab	method blank	2/4/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	Lab	LCS	2/4/2016	Pesticide	Trichloronate	n/a	=	0.0369	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	Lab	LCS, rec	2/4/2016	Pesticide	Trichloronate	n/a	=	74	%	EPA 525.2m	-88	-88	34	153	
2015/16-3	Lab	method blank	2/5/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	Lab	LCS	2/5/2016	Pesticide	Trichloronate	n/a	=	0.043	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	Lab	LCS, rec	2/5/2016	Pesticide	Trichloronate	n/a	=	86	%	EPA 525.2m	-88	-88	34	153	
2015/16-3	MO-OXN	matrix spike	2/5/2016	Pesticide	Trichloronate	n/a	=	0.0274	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	MO-OXN	matrix spike, rec	2/5/2016	Pesticide	Trichloronate	n/a	=	55	%	EPA 525.2m	-88	-88	40	150	
2015/16-3	MO-OXN	matrix spike dup	2/5/2016	Pesticide	Trichloronate	n/a	=	0.0287	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	MO-OXN	matrix spike dup, rec	2/5/2016	Pesticide	Trichloronate	n/a	=	57	%	EPA 525.2m	-88	-88	40	150	
2015/16-3	MO-OXN	matrix spike, RPD	2/5/2016	Pesticide	Trichloronate	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-3	MO-SIM	matrix spike	2/4/2016	Pesticide	Trichloronate	n/a	=	0.0367	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-3	MO-SIM	matrix spike, rec	2/4/2016	Pesticide	Trichloronate	n/a	=	73	%	EPA 525.2m	-88	-88	40	150	
2015/16-3	MO-SIM	matrix spike dup	2/8/2016	Pesticide	Trichloronate	n/a	=	0.0738	µg/L	EPA 525.2m	0.0067	0.01			IL
2015/16-3	MO-SIM	matrix spike dup, rec	2/8/2016	Pesticide	Trichloronate	n/a	=	148	%	EPA 525.2m	-88	-88	40	150	IL
2015/16-3	MO-SIM	matrix spike, RPD	2/8/2016	Pesticide	Trichloronate	n/a	=	67	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-3	Lab	method blank	2/26/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-3	Lab	LCS	2/26/2016	Pesticide	Trithion	n/a	=	4.06	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	Lab	LCS, rec	2/26/2016	Pesticide	Trithion	n/a	=	81	%	EPA 525.2	-88	-88	60	124	
2015/16-3	Lab	method blank	3/2/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	Lab	LCS	3/2/2016	Pesticide	Trithion	n/a	=	4.39	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	Lab	LCS, rec	3/2/2016	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	60	124	
2015/16-3	MO-MEI	matrix spike	2/26/2016	Pesticide	Trithion	n/a	=	5.96	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	MO-MEI	matrix spike, rec	2/26/2016	Pesticide	Trithion	n/a	=	119	%	EPA 525.2	-88	-88	61	139	
2015/16-3	MO-MEI	matrix spike dup	2/26/2016	Pesticide	Trithion	n/a	=	5.37	µg/L	EPA 525.2	0.012	0.1			
2015/16-3	MO-MEI	matrix spike dup, rec	2/26/2016	Pesticide	Trithion	n/a	=	107	%	EPA 525.2	-88	-88	61	139	
2015/16-3	MO-MEI	matrix spike, RPD	2/26/2016	Pesticide	Trithion	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/7/2016	Anion	Chloride	n/a	=	4.77	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	000NONPJ	matrix spike, rec	3/7/2016	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2015/16-4	000NONPJ	matrix spike dup	3/7/2016	Anion	Chloride	n/a	=	4.89	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	000NONPJ	matrix spike dup, rec	3/7/2016	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	76	118	
2015/16-4	000NONPJ	matrix spike, RPD	3/7/2016	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/7/2016	Anion	Chloride	n/a	=	8.38	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	000NONPJ	matrix spike, rec	3/7/2016	Anion	Chloride	n/a	=	88	%	EPA 300.0	-88	-88	76	118	
2015/16-4	000NONPJ	matrix spike dup	3/7/2016	Anion	Chloride	n/a	=	8.44	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	000NONPJ	matrix spike dup, rec	3/7/2016	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	76	118	
2015/16-4	000NONPJ	matrix spike, RPD	3/7/2016	Anion	Chloride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Anion	Chloride	n/a	=	50.1	mg/L	EPA 300.0	1	5			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	76	118	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Anion	Chloride	n/a	=	49.1	mg/L	EPA 300.0	1	5			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	76	118	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Anion	Chloride	n/a	=	150	mg/L	EPA 300.0	2.5	12			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Anion	Chloride	n/a	=	83	%	EPA 300.0	-88	-88	76	118	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Anion	Chloride	n/a	=	152	mg/L	EPA 300.0	2.5	12			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Anion	Chloride	n/a	=	84	%	EPA 300.0	-88	-88	76	118	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-4	Lab	method blank	3/7/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	Lab	LCS	3/7/2016	Anion	Chloride	n/a	=	3.89	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	Lab	LCS, rec	3/7/2016	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2015/16-4	Lab	method blank	3/9/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	Lab	LCS	3/9/2016	Anion	Chloride	n/a	=	3.96	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	Lab	LCS, rec	3/9/2016	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike	3/7/2016	Anion	Fluoride	n/a	=	2.03	mg/L	EPA 300.0	0.02	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/7/2016	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2015/16-4	000NONPJ	matrix spike dup	3/7/2016	Anion	Fluoride	n/a	=	2.1	mg/L	EPA 300.0	0.02	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/7/2016	Anion	Fluoride	n/a	=	105	%	EPA 300.0	-88	-88	86	107	
2015/16-4	000NONPJ	matrix spike, RPD	3/7/2016	Anion	Fluoride	n/a	=	3	%	EPA 300.0	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/7/2016	Anion	Fluoride	n/a	=	2.12	mg/L	EPA 300.0	0.02	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/7/2016	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	86	107	
2015/16-4	000NONPJ	matrix spike dup	3/7/2016	Anion	Fluoride	n/a	=	2.13	mg/L	EPA 300.0	0.02	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/7/2016	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	86	107	
2015/16-4	000NONPJ	matrix spike, RPD	3/7/2016	Anion	Fluoride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Anion	Fluoride	n/a	=	20.8	mg/L	EPA 300.0	0.2	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	
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	86	107	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.2	1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	86	107	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Anion	Fluoride	n/a	=	45.8	mg/L	EPA 300.0	0.5	2.5			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	86	107	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Anion	Fluoride	n/a	=	46.8	mg/L	EPA 300.0	0.5	2.5			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-4	Lab	method blank	3/7/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-4	Lab	LCS	3/7/2016	Anion	Fluoride	n/a	=	2.06	mg/L	EPA 300.0	0.02	0.1			
2015/16-4	Lab	LCS, rec	3/7/2016	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2015/16-4	Lab	method blank	3/9/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-4	Lab	LCS	3/9/2016	Anion	Fluoride	n/a	=	2.08	mg/L	EPA 300.0	0.02	0.1			
2015/16-4	Lab	LCS, rec	3/9/2016	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike	3/18/2016	Anion	Perchlorate	n/a	=	13.4	µg/L	EPA 314.0	0.95	2			
2015/16-4	000NONPJ	matrix spike, rec	3/18/2016	Anion	Perchlorate	n/a	=	106	%	EPA 314.0	-88	-88	80	120	
2015/16-4	000NONPJ	matrix spike dup	3/18/2016	Anion	Perchlorate	n/a	=	13.3	µg/L	EPA 314.0	0.95	2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/18/2016	Anion	Perchlorate	n/a	=	104	%	EPA 314.0	-88	-88	80	120	
2015/16-4	000NONPJ	matrix spike, RPD	3/18/2016	Anion	Perchlorate	n/a	=	1	%	EPA 314.0	-88	-88	0	15	
2015/16-4	Lab	method blank	3/18/2016	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2015/16-4	Lab	LCS	3/18/2016	Anion	Perchlorate	n/a	=	10	µg/L	EPA 314.0	0.95	2			
2015/16-4	Lab	LCS, rec	3/18/2016	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	85	115	
2015/16-4	000NONPJ	matrix spike	3/7/2016	Anion	Sulfate	Total	=	8.79	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	000NONPJ	matrix spike, rec	3/7/2016	Anion	Sulfate	Total	=	93	%	EPA 300.0	-88	-88	78	111	
2015/16-4	000NONPJ	matrix spike dup	3/7/2016	Anion	Sulfate	Total	=	8.95	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	000NONPJ	matrix spike dup, rec	3/7/2016	Anion	Sulfate	Total	=	95	%	EPA 300.0	-88	-88	78	111	
2015/16-4	000NONPJ	matrix spike, RPD	3/7/2016	Anion	Sulfate	Total	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/7/2016	Anion	Sulfate	Total	=	16.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	000NONPJ	matrix spike, rec	3/7/2016	Anion	Sulfate	Total	=	93	%	EPA 300.0	-88	-88	78	111	
2015/16-4	000NONPJ	matrix spike dup	3/7/2016	Anion	Sulfate	Total	=	16.2	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	000NONPJ	matrix spike dup, rec	3/7/2016	Anion	Sulfate	Total	=	95	%	EPA 300.0	-88	-88	78	111	
2015/16-4	000NONPJ	matrix spike, RPD	3/7/2016	Anion	Sulfate	Total	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Anion	Sulfate	Total	=	140	mg/L	EPA 300.0	1	5			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	78	111	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Anion	Sulfate	Total	=	136	mg/L	EPA 300.0	1	5			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Anion	Sulfate	Total	=	99	%	EPA 300.0	-88	-88	78	111	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Anion	Sulfate	Total	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Anion	Sulfate	Total	=	229	mg/L	EPA 300.0	2.5	12			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Anion	Sulfate	Total	=	97	%	EPA 300.0	-88	-88	78	111	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Anion	Sulfate	Total	=	231	mg/L	EPA 300.0	2.5	12			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Anion	Sulfate	Total	=	98	%	EPA 300.0	-88	-88	78	111	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Anion	Sulfate	Total	=	0.9	%	EPA 300.0	-88	-88	0	20	
2015/16-4	Lab	method blank	3/7/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	Lab	LCS	3/7/2016	Anion	Sulfate	Total	=	7.37	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	Lab	LCS, rec	3/7/2016	Anion	Sulfate	Total	=	92	%	EPA 300.0	-88	-88	90	110	
2015/16-4	Lab	method blank	3/9/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	LCS	3/9/2016	Anion	Sulfate	Total	=	7.95	mg/L	EPA 300.0	0.1	0.5			
2015/16-4	Lab	LCS, rec	3/9/2016	Anion	Sulfate	Total	=	99	%	EPA 300.0	-88	-88	90	110	
2015/16-4	Lab	method blank	3/15/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2015/16-4	Lab	LCS	3/15/2016	Cation	Calcium	Total	=	47.2	mg/L	EPA 200.7	0.016	0.1			
2015/16-4	Lab	LCS, rec	3/15/2016	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2015/16-4	Lab	method blank	3/16/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2015/16-4	Lab	LCS	3/16/2016	Cation	Calcium	Total	=	48.9	mg/L	EPA 200.7	0.016	0.1			
2015/16-4	Lab	LCS, rec	3/16/2016	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2015/16-4	MO-HUE	matrix spike	3/16/2016	Cation	Calcium	Total	=	162	mg/L	EPA 200.7	1.6	10			
2015/16-4	MO-HUE	matrix spike, rec	3/16/2016	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-HUE	matrix spike dup	3/16/2016	Cation	Calcium	Total	=	161	mg/L	EPA 200.7	1.6	10			
2015/16-4	MO-HUE	matrix spike dup, rec	3/16/2016	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-HUE	matrix spike, RPD	3/16/2016	Cation	Calcium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2015/16-4	MO-OJA	matrix spike	3/15/2016	Cation	Calcium	Total	=	55.4	mg/L	EPA 200.7	0.016	0.1			
2015/16-4	MO-OJA	matrix spike, rec	3/15/2016	Cation	Calcium	Total	=	89	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-OJA	matrix spike dup	3/15/2016	Cation	Calcium	Total	=	55.8	mg/L	EPA 200.7	0.016	0.1			
2015/16-4	MO-OJA	matrix spike dup, rec	3/15/2016	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-OJA	matrix spike, RPD	3/15/2016	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2015/16-4	Lab	method blank	3/15/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-4	Lab	LCS	3/15/2016	Cation	Magnesium	Total	=	48.6	mg/L	EPA 200.7	0.012	0.1			
2015/16-4	Lab	LCS, rec	3/15/2016	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2015/16-4	Lab	method blank	3/16/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-4	Lab	LCS	3/16/2016	Cation	Magnesium	Total	=	49.5	mg/L	EPA 200.7	0.012	0.1			
2015/16-4	Lab	LCS, rec	3/16/2016	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2015/16-4	MO-HUE	matrix spike	3/16/2016	Cation	Magnesium	Total	=	165	mg/L	EPA 200.7	1.2	10			
2015/16-4	MO-HUE	matrix spike, rec	3/16/2016	Cation	Magnesium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-HUE	matrix spike dup	3/16/2016	Cation	Magnesium	Total	=	165	mg/L	EPA 200.7	1.2	10			
2015/16-4	MO-HUE	matrix spike dup, rec	3/16/2016	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-HUE	matrix spike, RPD	3/16/2016	Cation	Magnesium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2015/16-4	MO-OJA	matrix spike	3/15/2016	Cation	Magnesium	Total	=	51.3	mg/L	EPA 200.7	0.012	0.1			
2015/16-4	MO-OJA	matrix spike, rec	3/15/2016	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-OJA	matrix spike dup	3/15/2016	Cation	Magnesium	Total	=	50.8	mg/L	EPA 200.7	0.012	0.1			
2015/16-4	MO-OJA	matrix spike dup, rec	3/15/2016	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-OJA	matrix spike, RPD	3/15/2016	Cation	Magnesium	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2015/16-4	Lab	method blank	3/15/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2015/16-4	Lab	LCS	3/15/2016	Cation	Potassium	Total	=	49.7	mg/L	EPA 200.7	0.081	0.1			
2015/16-4	Lab	LCS, rec	3/15/2016	Cation	Potassium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2015/16-4	MO-HUE	matrix spike	3/15/2016	Cation	Potassium	Total	=	98.9	mg/L	EPA 200.7	0.081	0.1			
2015/16-4	MO-HUE	matrix spike, rec	3/15/2016	Cation	Potassium	Total	=	122	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-HUE	matrix spike dup	3/15/2016	Cation	Potassium	Total	=	97.8	mg/L	EPA 200.7	0.081	0.1			
2015/16-4	MO-HUE	matrix spike dup, rec	3/15/2016	Cation	Potassium	Total	=	119	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-HUE	matrix spike, RPD	3/15/2016	Cation	Potassium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-4	MO-OJA	matrix spike	3/15/2016	Cation	Potassium	Total	=	53.3	mg/L	EPA 200.7	0.081	0.1			
2015/16-4	MO-OJA	matrix spike, rec	3/15/2016	Cation	Potassium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-OJA	matrix spike dup	3/15/2016	Cation	Potassium	Total	=	52.7	mg/L	EPA 200.7	0.081	0.1			
2015/16-4	MO-OJA	matrix spike dup, rec	3/15/2016	Cation	Potassium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-OJA	matrix spike, RPD	3/15/2016	Cation	Potassium	Total	=	1	%	EPA 200.7	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	method blank	3/15/2016	Cation	Sodium	Total	DNQ	0.0248	mg/L	EPA 200.7	0.015	0.5			P
2015/16-4	Lab	LCS	3/15/2016	Cation	Sodium	Total	=	47.4	mg/L	EPA 200.7	0.015	0.5			
2015/16-4	Lab	LCS, rec	3/15/2016	Cation	Sodium	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2015/16-4	Lab	method blank	3/16/2016	Cation	Sodium	Total	DNQ	0.116	mg/L	EPA 200.7	0.015	0.5			IP
2015/16-4	Lab	LCS	3/16/2016	Cation	Sodium	Total	=	48.1	mg/L	EPA 200.7	0.015	0.5			
2015/16-4	Lab	LCS, rec	3/16/2016	Cation	Sodium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2015/16-4	MO-HUE	matrix spike	3/16/2016	Cation	Sodium	Total	=	828	mg/L	EPA 200.7	1.5	50			GB
2015/16-4	MO-HUE	matrix spike, rec	3/16/2016	Cation	Sodium	Total	=	36	%	EPA 200.7	-88	-88	70	130	GB
2015/16-4	MO-HUE	matrix spike dup	3/16/2016	Cation	Sodium	Total	=	828	mg/L	EPA 200.7	1.5	50			GB
2015/16-4	MO-HUE	matrix spike dup, rec	3/16/2016	Cation	Sodium	Total	=	37	%	EPA 200.7	-88	-88	70	130	GB
2015/16-4	MO-HUE	matrix spike, RPD	3/16/2016	Cation	Sodium	Total	=	0.08	%	EPA 200.7	-88	-88	0	30	
2015/16-4	MO-OJA	matrix spike	3/15/2016	Cation	Sodium	Total	=	49.6	mg/L	EPA 200.7	0.015	0.5			
2015/16-4	MO-OJA	matrix spike, rec	3/15/2016	Cation	Sodium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-OJA	matrix spike dup	3/15/2016	Cation	Sodium	Total	=	49.2	mg/L	EPA 200.7	0.015	0.5			
2015/16-4	MO-OJA	matrix spike dup, rec	3/15/2016	Cation	Sodium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-OJA	matrix spike, RPD	3/15/2016	Cation	Sodium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2015/16-4	000NONPJ	lab duplicate	3/16/2016	Conventional	Alkalinity as CaCO3	n/a	=	134	mg/L	SM 2320 B	0.56	2		15	
2015/16-4	Lab	LCS	3/10/2016	Conventional	Alkalinity as CaCO3	n/a	=	240	mg/L	SM 2320 B	0.56	10			
2015/16-4	Lab	LCS, rec	3/10/2016	Conventional	Alkalinity as CaCO3	n/a	=	96	%	SM 2320 B	-88	-88	94	108	
2015/16-4	Lab	method blank	3/10/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.78	mg/L	SM 2320 B	0.56	10			IP
2015/16-4	Lab	LCS	3/16/2016	Conventional	Alkalinity as CaCO3	n/a	=	255	mg/L	SM 2320 B	0.56	2			
2015/16-4	Lab	LCS, rec	3/16/2016	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2015/16-4	Lab	method blank	3/16/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.66	mg/L	SM 2320 B	0.56	2			IP
2015/16-4	ME-SCR	lab duplicate	3/10/2016	Conventional	Alkalinity as CaCO3	n/a	=	167	mg/L	SM 2320 B	0.56	10		15	
2015/16-4	000NONPJ	lab duplicate	3/12/2016	Conventional	BOD	n/a	=	7.19	mg/L	SM 5210 B	2	2		20	
2015/16-4	Lab	LCS	3/12/2016	Conventional	BOD	n/a	=	174	mg/L	SM 5210 B	2	2			
2015/16-4	Lab	LCS, rec	3/12/2016	Conventional	BOD	n/a	=	88	%	SM 5210 B	-88	-88	85	115	
2015/16-4	000NONPJ	lab duplicate	3/9/2016	Conventional	COD	n/a	=	1460	mg/L	EPA 410.4	7.3	50		15	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Conventional	COD	n/a	=	243	mg/L	EPA 410.4	1.5	10			
2015/16-4	000NONPJ	matrix spike	3/9/2016	Conventional	COD	n/a	=	208	mg/L	EPA 410.4	1.5	10			
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Conventional	COD	n/a	=	213	mg/L	EPA 410.4	1.5	10			
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Conventional	COD	n/a	=	241	mg/L	EPA 410.4	1.5	10			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2015/16-4	Lab	LCS	3/9/2016	Conventional	COD	n/a	=	99.7	mg/L	EPA 410.4	0.73	5			
2015/16-4	Lab	LCS, rec	3/9/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2015/16-4	Lab	method blank	3/9/2016	Conventional	COD	n/a	DNQ	2.35	mg/L	EPA 410.4	0.73	5			IP
2015/16-4	000NONPJ	matrix spike	3/10/2016	Conventional	Cyanide	Total	=	0.0473	mg/L	ASTM D7511	0.0005	0.002	64	136	
2015/16-4	000NONPJ	matrix spike dup	3/10/2016	Conventional	Cyanide	Total	=	0.0471	mg/L	ASTM D7511	0.0005	0.002	64	136	
2015/16-4	000NONPJ	matrix spike dup, rec	3/10/2016	Conventional	Cyanide	Total	=	88	%	ASTM D7511	-88	-88	64	136	
2015/16-4	000NONPJ	matrix spike, rec	3/10/2016	Conventional	Cyanide	Total	=	89	%	ASTM D7511	-88	-88	64	136	
2015/16-4	000NONPJ	matrix spike, RPD	3/10/2016	Conventional	Cyanide	Total	=	0.4	%	ASTM D7511	-88	-88	0	47	
2015/16-4	000NONPJ	matrix spike	3/16/2016	Conventional	Cyanide	Total	=	0.0403	mg/L	ASTM D7511	0.0005	0.002	64	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	
2015/16-4	000NONPJ	matrix spike dup	3/16/2016	Conventional	Cyanide	Total	=	0.0412	mg/L	ASTM D7511	0.0005	0.002	64	136	
2015/16-4	000NONPJ	matrix spike dup, rec	3/16/2016	Conventional	Cyanide	Total	=	82	%	ASTM D7511	-88	-88	64	136	
2015/16-4	000NONPJ	matrix spike, rec	3/16/2016	Conventional	Cyanide	Total	=	81	%	ASTM D7511	-88	-88	64	136	
2015/16-4	000NONPJ	matrix spike, RPD	3/16/2016	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2015/16-4	Lab	LCS	3/10/2016	Conventional	Cyanide	Total	=	0.0513	mg/L	ASTM D7511	0.0005	0.002	84	116	
2015/16-4	Lab	LCS, rec	3/10/2016	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	84	116	
2015/16-4	Lab	method blank	3/10/2016	Conventional	Cyanide	Total	DNQ	0.0009	mg/L	ASTM D7511	0.0005	0.002			IP
2015/16-4	Lab	LCS	3/16/2016	Conventional	Cyanide	Total	=	0.0493	mg/L	ASTM D7511	0.0005	0.002	84	116	
2015/16-4	Lab	LCS, rec	3/16/2016	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	84	116	
2015/16-4	Lab	method blank	3/16/2016	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2015/16-4	Lab	LCS	3/17/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.24	mg/L	SM 5310 C	0.5	0.5			
2015/16-4	Lab	LCS dup	3/17/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.43	mg/L	SM 5310 C	0.5	0.5			
2015/16-4	Lab	LCS dup, rec	3/17/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	109	%	SM 5310 C	-88	-88	85	115	
2015/16-4	Lab	LCS, rec	3/17/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	105	%	SM 5310 C	-88	-88	85	115	
2015/16-4	Lab	LCS, RPD	3/17/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	4	%	SM 5310 C	-88	-88	0	20	
2015/16-4	Lab	method blank	3/17/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2015/16-4	Lab	method blank	3/16/2016	Conventional	Dissolved Organic Carbon	Dissolved	<	0.3	mg/L	SM 5310 C	0.013	0.3			
2015/16-4	Lab	LCS	3/16/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	4.6	mg/L	SM 5310 C	0.013	0.3			
2015/16-4	Lab	LCS, rec	3/16/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	92	%	SM 5310 C	-88	-88	85	115	
2015/16-4	MO-OJA	matrix spike	3/16/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	10.3	mg/L	SM 5310 C	0.013	0.3			
2015/16-4	MO-OJA	matrix spike, rec	3/16/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	104	%	SM 5310 C	-88	-88	75	113	
2015/16-4	MO-OJA	matrix spike dup	3/16/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	9.96	mg/L	SM 5310 C	0.013	0.3			
2015/16-4	MO-OJA	matrix spike dup, rec	3/16/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	97	%	SM 5310 C	-88	-88	75	113	
2015/16-4	MO-OJA	matrix spike, RPD	3/16/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	3	%	SM 5310 C	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/7/2016	Conventional	MBAS	n/a	=	0.345	mg/L	SM 5540 C	0.019	0.05			
2015/16-4	000NONPJ	matrix spike dup	3/7/2016	Conventional	MBAS	n/a	=	0.339	mg/L	SM 5540 C	0.019	0.05			
2015/16-4	000NONPJ	matrix spike dup, rec	3/7/2016	Conventional	MBAS	n/a	=	75	%	SM 5540 C	-88	-88	74	123	
2015/16-4	000NONPJ	matrix spike, rec	3/7/2016	Conventional	MBAS	n/a	=	78	%	SM 5540 C	-88	-88	74	123	
2015/16-4	000NONPJ	matrix spike, RPD	3/7/2016	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2015/16-4	Lab	LCS	3/7/2016	Conventional	MBAS	n/a	=	0.191	mg/L	SM 5540 C	0.019	0.05			
2015/16-4	Lab	LCS, rec	3/7/2016	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	82	115	
2015/16-4	Lab	method blank	3/7/2016	Conventional	MBAS	n/a	DNQ	0.0215	mg/L	SM 5540 C	0.019	0.05			IP
2015/16-4	000NONPJ	matrix spike	3/16/2016	Conventional	Phenolics	n/a	=	0.277	mg/L	EPA 420.4	0.0042	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/16/2016	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup	3/16/2016	Conventional	Phenolics	n/a	=	0.276	mg/L	EPA 420.4	0.0042	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/16/2016	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/16/2016	Conventional	Phenolics	n/a	=	0.5	%	EPA 420.4	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/17/2016	Conventional	Phenolics	n/a	=	0.264	mg/L	EPA 420.4	0.0042	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/17/2016	Conventional	Phenolics	n/a	=	106	%	EPA 420.4	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup	3/17/2016	Conventional	Phenolics	n/a	=	0.263	mg/L	EPA 420.4	0.0042	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/17/2016	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/17/2016	Conventional	Phenolics	n/a	=	0.6	%	EPA 420.4	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/17/2016	Conventional	Phenolics	n/a	=	0.28	mg/L	EPA 420.4	0.0042	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/17/2016	Conventional	Phenolics	n/a	=	109	%	EPA 420.4	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup	3/17/2016	Conventional	Phenolics	n/a	=	0.278	mg/L	EPA 420.4	0.0042	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/17/2016	Conventional	Phenolics	n/a	=	108	%	EPA 420.4	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/17/2016	Conventional	Phenolics	n/a	=	0.9	%	EPA 420.4	-88	-88	0	20	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	method blank	3/16/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2015/16-4	Lab	LCS	3/16/2016	Conventional	Phenolics	n/a	=	0.103	mg/L	EPA 420.4	0.0042	0.01			
2015/16-4	Lab	LCS, rec	3/16/2016	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2015/16-4	Lab	method blank	3/17/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2015/16-4	Lab	LCS	3/17/2016	Conventional	Phenolics	n/a	=	0.109	mg/L	EPA 420.4	0.0042	0.01			
2015/16-4	Lab	LCS, rec	3/17/2016	Conventional	Phenolics	n/a	=	109	%	EPA 420.4	-88	-88	90	110	
2015/16-4	Lab	LCS	3/12/2016	Conventional	Specific Conductance	n/a	=	196	µmhos/cm	SM 2510 B	0.23	2			
2015/16-4	Lab	LCS, rec	3/12/2016	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2015/16-4	Lab	method blank	3/12/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2015/16-4	ME-VR2	lab duplicate	3/12/2016	Conventional	Specific Conductance	n/a	=	1080	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-4	000NONPJ	lab duplicate	3/8/2016	Conventional	Total Dissolved Solids	n/a	=	6220	mg/L	SM 2540 C	4	10		10	
2015/16-4	000NONPJ	lab duplicate	3/8/2016	Conventional	Total Dissolved Solids	n/a	=	1680	mg/L	SM 2540 C	4	10		10	
2015/16-4	Lab	LCS	3/8/2016	Conventional	Total Dissolved Solids	n/a	=	823	mg/L	SM 2540 C	4	10			
2015/16-4	Lab	LCS, rec	3/8/2016	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2015/16-4	Lab	method blank	3/8/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-4	000NONPJ	matrix spike	3/9/2016	Conventional	Total Organic Carbon	n/a	=	5.36	mg/L	SM 5310 C	0.009	0.3			
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Conventional	Total Organic Carbon	n/a	=	5.31	mg/L	SM 5310 C	0.009	0.3			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 C	-88	-88	80	116	
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 C	-88	-88	80	116	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Conventional	Total Organic Carbon	n/a	=	0.8	%	SM 5310 C	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/10/2016	Conventional	Total Organic Carbon	n/a	=	7.96	mg/L	SM 5310 C	0.009	0.3			
2015/16-4	000NONPJ	matrix spike, rec	3/10/2016	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 C	-88	-88	80	116	
2015/16-4	000NONPJ	matrix spike dup	3/10/2016	Conventional	Total Organic Carbon	n/a	=	8.16	mg/L	SM 5310 C	0.009	0.3			
2015/16-4	000NONPJ	matrix spike dup, rec	3/10/2016	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	80	116	
2015/16-4	000NONPJ	matrix spike, RPD	3/10/2016	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	
2015/16-4	Lab	LCS	3/9/2016	Conventional	Total Organic Carbon	n/a	=	4.63	mg/L	SM 5310 C	0.009	0.3			
2015/16-4	Lab	LCS, rec	3/9/2016	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 C	-88	-88	85	115	
2015/16-4	Lab	method blank	3/9/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0646	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-4	Lab	method blank	3/10/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0527	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-4	Lab	LCS	3/10/2016	Conventional	Total Organic Carbon	n/a	=	4.74	mg/L	SM 5310 C	0.009	0.3			
2015/16-4	Lab	LCS, rec	3/10/2016	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 C	-88	-88	85	115	
2015/16-4	Lab	method blank	3/8/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2015/16-4	ME-SCR	lab duplicate	3/8/2016	Conventional	Total Suspended Solids	n/a	=	11200	mg/L	SM 2540 D	-88	5		20	
2015/16-4	ME-VR2	lab duplicate	3/8/2016	Conventional	Total Suspended Solids	n/a	=	127	mg/L	SM 2540 D	-88	5		20	
2015/16-4	000NONPJ	lab duplicate	3/7/2016	Conventional	Turbidity	n/a	DNQ	0.08	NTU	EPA 180.1	0.024	0.1		10	
2015/16-4	Lab	LCS	3/7/2016	Conventional	Turbidity	n/a	=	15.6	NTU	EPA 180.1	0.024	0.1			
2015/16-4	Lab	LCS, rec	3/7/2016	Conventional	Turbidity	n/a	=	97	%	EPA 180.1	-88	-88	90	110	
2015/16-4	Lab	method blank	3/7/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-4	Lab	method blank	3/8/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2015/16-4	ME-SCR	lab duplicate	3/8/2016	Conventional	Volatile Suspended Solids	n/a	=	690	mg/L	EPA 160.4	3.1	5		15	
2015/16-4	ME-VR2	lab duplicate	3/8/2016	Conventional	Volatile Suspended Solids	n/a	=	13	mg/L	EPA 160.4	3.1	5		15	
2015/16-4	Lab	method blank	3/14/2016	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015B	0.024	0.1			
2015/16-4	Lab	LCS	3/14/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.347	mg/L	EPA 8015B	0.024	0.1			
2015/16-4	Lab	LCS, rec	3/14/2016	Hydrocarbon	Diesel Range Organics	n/a	=	69	%	EPA 8015B	-88	-88	56	136	
2015/16-4	Lab	LCS dup	3/14/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.391	mg/L	EPA 8015B	0.024	0.1			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Hydrocarbon	Diesel Range Organics	n/a	=	78	%	EPA 8015B	-88	-88	56	136	
2015/16-4	Lab	LCS, RPD	3/14/2016	Hydrocarbon	Diesel Range Organics	n/a	=	12	%	EPA 8015B	-88	-88	0	25	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	LCS	3/9/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.01	mg/L	EPA 8015B	0.044	0.1			
2015/16-4	Lab	LCS, rec	3/9/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	101	%	EPA 8015B	-88	-88	75	123	
2015/16-4	Lab	LCS dup	3/9/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.09	mg/L	EPA 8015B	0.044	0.1			
2015/16-4	Lab	LCS dup, rec	3/9/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	109	%	EPA 8015B	-88	-88	75	123	
2015/16-4	Lab	LCS, RPD	3/9/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	8	%	EPA 8015B	-88	-88	0	25	
2015/16-4	Lab	method blank	3/9/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-4	Lab	LCS	3/14/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.06	mg/L	EPA 8015B	0.044	0.1			
2015/16-4	Lab	LCS, rec	3/14/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	106	%	EPA 8015B	-88	-88	75	123	
2015/16-4	Lab	LCS dup	3/14/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.03	mg/L	EPA 8015B	0.044	0.1			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	103	%	EPA 8015B	-88	-88	75	123	
2015/16-4	Lab	LCS, RPD	3/14/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	4	%	EPA 8015B	-88	-88	0	25	
2015/16-4	Lab	method blank	3/14/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-4	Lab	srgt method blank	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.263	mg/L	EPA 8015B	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	105	%	EPA 8015B	-88	-88	64	155	
2015/16-4	Lab	srgt LCS	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.269	mg/L	EPA 8015B	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	107	%	EPA 8015B	-88	-88	64	155	
2015/16-4	Lab	srgt LCS dup	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.288	mg/L	EPA 8015B	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	115	%	EPA 8015B	-88	-88	64	155	
2015/16-4	ME-SCR	srgt environ	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.133	mg/L	EPA 8015B	-88	-88			GN
2015/16-4	ME-SCR	srgt environ, rec	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	53	%	EPA 8015B	-88	-88	64	155	GN
2015/16-4	ME-VR2	srgt environ	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.245	mg/L	EPA 8015B	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015B	-88	-88	64	155	
2015/16-4	MO-HUE	srgt environ	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.225	mg/L	EPA 8015B	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2015/16-4	MO-MEI	srgt environ	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.224	mg/L	EPA 8015B	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2015/16-4	MO-MPK	srgt environ	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.258	mg/L	EPA 8015B	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2015/16-4	MO-OJA	srgt environ	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.236	mg/L	EPA 8015B	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/14/2016	Hydrocarbon	n-Tetracosane	n/a	=	94	%	EPA 8015B	-88	-88	64	155	
2015/16-4	000NONPJ	matrix spike	3/13/2016	Hydrocarbon	Oil and Grease	n/a	=	23.9	mg/L	EPA 1664A	1.3	5			
2015/16-4	000NONPJ	matrix spike dup	3/13/2016	Hydrocarbon	Oil and Grease	n/a	=	20.4	mg/L	EPA 1664A	1.3	5			
2015/16-4	000NONPJ	matrix spike dup, rec	3/13/2016	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2015/16-4	000NONPJ	matrix spike, rec	3/13/2016	Hydrocarbon	Oil and Grease	n/a	=	108	%	EPA 1664A	-88	-88	78	114	
2015/16-4	000NONPJ	matrix spike, RPD	3/13/2016	Hydrocarbon	Oil and Grease	n/a	=	16	%	EPA 1664A	-88	-88	0	18	
2015/16-4	Lab	LCS	3/13/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.1	mg/L	EPA 1664A	1.3	5			
2015/16-4	Lab	LCS	3/13/2016	Hydrocarbon	Oil and Grease	n/a	=	20.1	mg/L	EPA 1664A	1.3	5			
2015/16-4	Lab	LCS, rec	3/13/2016	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664A	-88	-88	78	114	
2015/16-4	Lab	LCS, rec	3/13/2016	Hydrocarbon	Oil and Grease	n/a	=	100	%	EPA 1664A	-88	-88	78	114	
2015/16-4	Lab	method blank	3/13/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-4	Lab	method blank	3/14/2016	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2015/16-4	Lab	method blank	3/23/2016	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-4	Lab	LCS	3/23/2016	Metal	Aluminum	Dissolved	=	52.7	µg/L	EPA 200.8	1.3	5			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Aluminum	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-4	Lab	LCS	3/23/2016	Metal	Aluminum	Total	=	52.7	µg/L	EPA 200.8	1.3	5			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Aluminum	Total	=	105	%	EPA 200.8	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Aluminum	Total	=	115000	µg/L	EPA 200.8	13	50			GB
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Aluminum	Total	=	-12100	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Aluminum	Total	=	119000	µg/L	EPA 200.8	13	50			GB
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Aluminum	Total	=	-39	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Aluminum	Total	=	3790	µg/L	EPA 200.8	1.3	5			GB
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Aluminum	Total	=	-662	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Aluminum	Total	=	3650	µg/L	EPA 200.8	1.3	5			GB
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Aluminum	Total	=	-93	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-4	Lab	LCS	3/23/2016	Metal	Antimony	Dissolved	=	48.1	µg/L	EPA 200.8	0.045	0.5			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Antimony	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-4	Lab	LCS	3/23/2016	Metal	Antimony	Total	=	48.1	µg/L	EPA 200.8	0.045	0.5			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Antimony	Total	DNQ	2.7	µg/L	EPA 200.8	0.45	5			GB
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Antimony	Total	=	5	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Antimony	Total	DNQ	2.59	µg/L	EPA 200.8	0.45	5			GB
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Antimony	Total	=	5	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Antimony	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Antimony	Total	=	36.7	µg/L	EPA 200.8	0.045	0.5			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Antimony	Total	=	73	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Antimony	Total	=	36	µg/L	EPA 200.8	0.045	0.5			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Antimony	Total	=	72	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-4	Lab	LCS	3/23/2016	Metal	Arsenic	Dissolved	=	50.2	µg/L	EPA 200.8	0.074	0.4			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-4	Lab	LCS	3/23/2016	Metal	Arsenic	Total	=	50.2	µg/L	EPA 200.8	0.074	0.4			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Arsenic	Total	=	75.6	µg/L	EPA 200.8	0.74	4			
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Arsenic	Total	=	74	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Arsenic	Total	=	72.8	µg/L	EPA 200.8	0.74	4			GB
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Arsenic	Total	=	68	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Arsenic	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Arsenic	Total	=	52.2	µg/L	EPA 200.8	0.074	0.4			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2015/16-4	Lab	LCS	3/23/2016	Metal	Barium	Total	=	50.2	µg/L	EPA 200.8	0.071	0.5			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Barium	Total	=	903	µg/L	EPA 200.8	0.71	5			GB
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Barium	Total	=	36	%	EPA 200.8	-88	-88	70	130	GB

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Barium	Total	=	891	µg/L	EPA 200.8	0.71	5			GB
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Barium	Total	=	12	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Barium	Total	=	149	µg/L	EPA 200.8	0.071	0.5			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Barium	Total	=	141	µg/L	EPA 200.8	0.071	0.5			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Barium	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Barium	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-4	Lab	LCS	3/23/2016	Metal	Beryllium	Dissolved	=	49.1	µg/L	EPA 200.8	0.033	0.1			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-4	Lab	LCS	3/23/2016	Metal	Beryllium	Total	=	49.1	µg/L	EPA 200.8	0.033	0.1			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Beryllium	Total	=	56.7	µg/L	EPA 200.8	0.33	1			
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Beryllium	Total	=	56.9	µg/L	EPA 200.8	0.33	1			
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Beryllium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Beryllium	Total	=	51.7	µg/L	EPA 200.8	0.033	0.1			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Beryllium	Total	=	49.1	µg/L	EPA 200.8	0.033	0.1			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Beryllium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-4	Lab	LCS	3/23/2016	Metal	Cadmium	Dissolved	=	50.3	µg/L	EPA 200.8	0.041	0.1			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Cadmium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-4	Lab	LCS	3/23/2016	Metal	Cadmium	Total	=	50.3	µg/L	EPA 200.8	0.041	0.1			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Cadmium	Total	=	55.5	µg/L	EPA 200.8	0.41	1			
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Cadmium	Total	=	54.3	µg/L	EPA 200.8	0.41	1			
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Cadmium	Total	=	46.3	µg/L	EPA 200.8	0.041	0.1			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Cadmium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Cadmium	Total	=	47.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Chromium	Dissolved	DNQ	0.047	µg/L	EPA 200.8	0.035	0.2			IP
2015/16-4	Lab	LCS	3/23/2016	Metal	Chromium	Dissolved	=	49.8	µg/L	EPA 200.8	0.035	0.2			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-4	Lab	LCS	3/23/2016	Metal	Chromium	Total	=	49.8	µg/L	EPA 200.8	0.035	0.2			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Chromium	Total	=	244	µg/L	EPA 200.8	0.35	2			GB

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Chromium	Total	=	59	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Chromium	Total	=	249	µg/L	EPA 200.8	0.35	2			
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Chromium	Total	=	71	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Chromium	Total	=	57.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Chromium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Chromium	Total	=	57.9	µg/L	EPA 200.8	0.035	0.2			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Chromium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Metal	Chromium VI	n/a	=	5.6	µg/L	EPA 218.6	0.0048	0.02			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Metal	Chromium VI	n/a	=	109	%	EPA 218.6	-88	-88	88	112	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Metal	Chromium VI	n/a	=	5.64	µg/L	EPA 218.6	0.0048	0.02			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Metal	Chromium VI	n/a	=	110	%	EPA 218.6	-88	-88	88	112	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Metal	Chromium VI	n/a	=	0.8	%	EPA 218.6	-88	-88	0	10	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Metal	Chromium VI	n/a	=	5.91	µg/L	EPA 218.6	0.0048	0.02			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Metal	Chromium VI	n/a	=	5.98	µg/L	EPA 218.6	0.0048	0.02			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2015/16-4	Lab	LCS	3/9/2016	Metal	Chromium VI	n/a	=	5.06	µg/L	EPA 218.6	0.0048	0.02			
2015/16-4	Lab	LCS, rec	3/9/2016	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	90	110	
2015/16-4	Lab	method blank	3/9/2016	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2015/16-4	Lab	method blank	3/23/2016	Metal	Copper	Dissolved	DNQ	0.186	µg/L	EPA 200.8	0.13	0.5			IP
2015/16-4	Lab	LCS	3/23/2016	Metal	Copper	Dissolved	=	50.4	µg/L	EPA 200.8	0.13	0.5			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Copper	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Copper	Total	DNQ	0.194	µg/L	EPA 200.8	0.13	0.5			IP
2015/16-4	Lab	LCS	3/23/2016	Metal	Copper	Total	=	50.4	µg/L	EPA 200.8	0.13	0.5			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Copper	Total	=	319	µg/L	EPA 200.8	1.3	5			
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Copper	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Copper	Total	=	319	µg/L	EPA 200.8	1.3	5			
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Copper	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Copper	Total	=	0.08	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Copper	Total	=	52	µg/L	EPA 200.8	0.13	0.5			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Copper	Total	=	52.3	µg/L	EPA 200.8	0.13	0.5			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Copper	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/15/2016	Metal	Iron	Dissolved	DNQ	1.41	µg/L	EPA 200.7	1.1	10			IP
2015/16-4	Lab	LCS	3/15/2016	Metal	Iron	Dissolved	=	189	µg/L	EPA 200.7	1.1	10			
2015/16-4	Lab	LCS, rec	3/15/2016	Metal	Iron	Dissolved	=	95	%	EPA 200.7	-88	-88	85	115	
2015/16-4	Lab	method blank	3/15/2016	Metal	Iron	Total	DNQ	2.26	µg/L	EPA 200.7	1.1	10			IP
2015/16-4	Lab	LCS	3/15/2016	Metal	Iron	Total	=	189	µg/L	EPA 200.7	1.1	10			
2015/16-4	Lab	LCS, rec	3/15/2016	Metal	Iron	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2015/16-4	Lab	method blank	3/16/2016	Metal	Iron	Total	DNQ	2.42	µg/L	EPA 200.7	1.1	10			IP
2015/16-4	Lab	LCS	3/16/2016	Metal	Iron	Total	=	186	µg/L	EPA 200.7	1.1	10			
2015/16-4	Lab	LCS, rec	3/16/2016	Metal	Iron	Total	=	93	%	EPA 200.7	-88	-88	85	115	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	MO-HUE	matrix spike	3/16/2016	Metal	Iron	Total	=	7890	µg/L	EPA 200.7	110	1000			GB
2015/16-4	MO-HUE	matrix spike, rec	3/16/2016	Metal	Iron	Total	=	-10	%	EPA 200.7	-88	-88	70	130	GB
2015/16-4	MO-HUE	matrix spike dup	3/16/2016	Metal	Iron	Total	=	7860	µg/L	EPA 200.7	110	1000			GB
2015/16-4	MO-HUE	matrix spike dup, rec	3/16/2016	Metal	Iron	Total	=	-26	%	EPA 200.7	-88	-88	70	130	GB
2015/16-4	MO-HUE	matrix spike, RPD	3/16/2016	Metal	Iron	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2015/16-4	MO-OJA	matrix spike	3/15/2016	Metal	Iron	Total	=	5750	µg/L	EPA 200.7	1.1	10			
2015/16-4	MO-OJA	matrix spike, rec	3/15/2016	Metal	Iron	Total	=	129	%	EPA 200.7	-88	-88	70	130	
2015/16-4	MO-OJA	matrix spike dup	3/15/2016	Metal	Iron	Total	=	5430	µg/L	EPA 200.7	1.1	10			GB
2015/16-4	MO-OJA	matrix spike dup, rec	3/15/2016	Metal	Iron	Total	=	-30	%	EPA 200.7	-88	-88	70	130	GB
2015/16-4	MO-OJA	matrix spike, RPD	3/15/2016	Metal	Iron	Total	=	6	%	EPA 200.7	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-4	Lab	LCS	3/23/2016	Metal	Lead	Dissolved	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-4	Lab	LCS	3/23/2016	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Lead	Total	=	155	µg/L	EPA 200.8	0.31	2			
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Lead	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Lead	Total	=	157	µg/L	EPA 200.8	0.31	2			
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Lead	Total	=	51.4	µg/L	EPA 200.8	0.031	0.2			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Lead	Total	=	49.8	µg/L	EPA 200.8	0.031	0.2			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	LCS	3/23/2016	Metal	Mercury	Dissolved	=	1100	ng/L	EPA 245.1	3.9	50			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Mercury	Dissolved	=	110	%	EPA 245.1	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Mercury	Dissolved	DNQ	7	ng/L	EPA 245.1	3.9	50			IP
2015/16-4	Lab	LCS	3/23/2016	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	3.9	50			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Mercury	Total	=	110	%	EPA 245.1	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Mercury	Total	DNQ	8	ng/L	EPA 245.1	3.9	50			IP
2015/16-4	MO-MEI	matrix spike	3/23/2016	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	3.9	50			
2015/16-4	MO-MEI	matrix spike dup	3/23/2016	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	3.9	50			
2015/16-4	MO-MEI	matrix spike dup, rec	3/23/2016	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	
2015/16-4	MO-MEI	matrix spike, rec	3/23/2016	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2015/16-4	MO-MEI	matrix spike, RPD	3/23/2016	Metal	Mercury	Total	=	5	%	EPA 245.1	-88	-88	0	20	
2015/16-4	MO-MPK	matrix spike	3/23/2016	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	3.9	50			
2015/16-4	MO-MPK	matrix spike dup	3/23/2016	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			
2015/16-4	MO-MPK	matrix spike dup, rec	3/23/2016	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2015/16-4	MO-MPK	matrix spike, rec	3/23/2016	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-4	MO-MPK	matrix spike, RPD	3/23/2016	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2015/16-4	Lab	method blank	3/23/2016	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-4	Lab	LCS	3/23/2016	Metal	Nickel	Dissolved	=	49.9	µg/L	EPA 200.8	0.045	0.8			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Nickel	Total	DNQ	0.199	µg/L	EPA 200.8	0.045	0.8			IP
2015/16-4	Lab	LCS	3/23/2016	Metal	Nickel	Total	=	49.9	µg/L	EPA 200.8	0.045	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	
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Nickel	Total	=	329	µg/L	EPA 200.8	0.45	8			
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Nickel	Total	=	77	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Nickel	Total	=	332	µg/L	EPA 200.8	0.45	8			
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Nickel	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Nickel	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Nickel	Total	=	60.8	µg/L	EPA 200.8	0.045	0.8			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Nickel	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Nickel	Total	=	61.6	µg/L	EPA 200.8	0.045	0.8			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Nickel	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-4	Lab	LCS	3/23/2016	Metal	Selenium	Dissolved	=	50.4	µg/L	EPA 200.8	0.14	0.4			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Selenium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-4	Lab	LCS	3/23/2016	Metal	Selenium	Total	=	50.4	µg/L	EPA 200.8	0.14	0.4			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Selenium	Total	=	33.9	µg/L	EPA 200.8	1.4	4			GB
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Selenium	Total	=	51	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Selenium	Total	=	30.8	µg/L	EPA 200.8	1.4	4			GB
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Selenium	Total	=	45	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Selenium	Total	=	10	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Selenium	Total	=	49.3	µg/L	EPA 200.8	0.14	0.4			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Selenium	Total	=	48.6	µg/L	EPA 200.8	0.14	0.4			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-4	Lab	LCS	3/23/2016	Metal	Silver	Dissolved	=	49.1	µg/L	EPA 200.8	0.062	0.2			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-4	Lab	LCS	3/23/2016	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.062	0.2			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Silver	Total	=	43.5	µg/L	EPA 200.8	0.62	2			
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Silver	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Silver	Total	=	45.7	µg/L	EPA 200.8	0.62	2			
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Silver	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Silver	Total	=	46.5	µg/L	EPA 200.8	0.062	0.2			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Silver	Total	=	44.8	µg/L	EPA 200.8	0.062	0.2			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Silver	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-4	Lab	LCS	3/23/2016	Metal	Thallium	Dissolved	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	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	
2015/16-4	Lab	LCS	3/23/2016	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Thallium	Total	=	44.5	µg/L	EPA 200.8	0.14	2			
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Thallium	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Thallium	Total	=	44	µg/L	EPA 200.8	0.14	2			
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Thallium	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Thallium	Total	=	50.3	µg/L	EPA 200.8	0.014	0.2			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Thallium	Total	=	49	µg/L	EPA 200.8	0.014	0.2			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-4	Lab	method blank	3/23/2016	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-4	Lab	LCS	3/23/2016	Metal	Zinc	Dissolved	=	52.2	µg/L	EPA 200.8	0.94	5			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Zinc	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-4	Lab	method blank	3/23/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-4	Lab	LCS	3/23/2016	Metal	Zinc	Total	=	52.2	µg/L	EPA 200.8	0.94	5			
2015/16-4	Lab	LCS, rec	3/23/2016	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-4	ME-SCR	matrix spike	3/23/2016	Metal	Zinc	Total	=	879	µg/L	EPA 200.8	9.4	50			GB
2015/16-4	ME-SCR	matrix spike, rec	3/23/2016	Metal	Zinc	Total	=	49	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike dup	3/23/2016	Metal	Zinc	Total	=	883	µg/L	EPA 200.8	9.4	50			GB
2015/16-4	ME-SCR	matrix spike dup, rec	3/23/2016	Metal	Zinc	Total	=	58	%	EPA 200.8	-88	-88	70	130	GB
2015/16-4	ME-SCR	matrix spike, RPD	3/23/2016	Metal	Zinc	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2015/16-4	ME-VR2	matrix spike	3/23/2016	Metal	Zinc	Total	=	63.8	µg/L	EPA 200.8	0.94	5			
2015/16-4	ME-VR2	matrix spike, rec	3/23/2016	Metal	Zinc	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike dup	3/23/2016	Metal	Zinc	Total	=	65	µg/L	EPA 200.8	0.94	5			
2015/16-4	ME-VR2	matrix spike dup, rec	3/23/2016	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-4	ME-VR2	matrix spike, RPD	3/23/2016	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/10/2016	Nutrient	Ammonia as N	n/a	=	0.266	mg/L	EPA 350.1	0.048	0.1			
2015/16-4	000NONPJ	matrix spike dup	3/10/2016	Nutrient	Ammonia as N	n/a	=	0.268	mg/L	EPA 350.1	0.048	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/10/2016	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, rec	3/10/2016	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/10/2016	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	15	
2015/16-4	Lab	LCS	3/10/2016	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.048	0.1			
2015/16-4	Lab	LCS	3/10/2016	Nutrient	Ammonia as N	n/a	=	0.25	mg/L	EPA 350.1	0.048	0.1			
2015/16-4	Lab	LCS, rec	3/10/2016	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2015/16-4	Lab	LCS, rec	3/10/2016	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2015/16-4	Lab	method blank	3/10/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-4	Lab	method blank	3/10/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-4	ME-SCR	matrix spike	3/10/2016	Nutrient	Ammonia as N	n/a	=	0.588	mg/L	EPA 350.1	0.048	0.1			
2015/16-4	ME-SCR	matrix spike dup	3/10/2016	Nutrient	Ammonia as N	n/a	=	0.586	mg/L	EPA 350.1	0.048	0.1			
2015/16-4	ME-SCR	matrix spike dup, rec	3/10/2016	Nutrient	Ammonia as N	n/a	=	92	%	EPA 350.1	-88	-88	90	110	
2015/16-4	ME-SCR	matrix spike, rec	3/10/2016	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	
2015/16-4	ME-SCR	matrix spike, RPD	3/10/2016	Nutrient	Ammonia as N	n/a	=	0.4	%	EPA 350.1	-88	-88	0	15	
2015/16-4	000NONPJ	matrix spike	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.03	mg/L	EPA 353.2	0.01	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	3.1	mg/L	EPA 353.2	0.01	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	000NONPJ	matrix spike dup, rec	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.05	mg/L	EPA 353.2	0.01	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2015/16-4	Lab	method blank	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-4	Lab	LCS	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.989	mg/L	EPA 353.2	0.01	0.1			
2015/16-4	Lab	LCS, rec	3/7/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike	3/15/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0683	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/15/2016	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup	3/15/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0682	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/15/2016	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/15/2016	Nutrient	Phosphorus as P	Dissolved	=	0.1	%	EPA 365.1	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/16/2016	Nutrient	Phosphorus as P	Dissolved	=	0.125	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/16/2016	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 365.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup	3/16/2016	Nutrient	Phosphorus as P	Dissolved	=	0.125	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/16/2016	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 365.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/16/2016	Nutrient	Phosphorus as P	Dissolved	=	0	%	EPA 365.1	-88	-88	0	20	
2015/16-4	Lab	method blank	3/15/2016	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	Lab	LCS	3/15/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0491	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	Lab	LCS, rec	3/15/2016	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	
2015/16-4	Lab	method blank	3/16/2016	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	Lab	LCS	3/16/2016	Nutrient	Phosphorus as P	Dissolved	=	0.051	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	Lab	LCS, rec	3/16/2016	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike	3/10/2016	Nutrient	Phosphorus as P	Total	=	0.0964	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/10/2016	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup	3/10/2016	Nutrient	Phosphorus as P	Total	=	0.0959	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/10/2016	Nutrient	Phosphorus as P	Total	=	103	%	EPA 365.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/10/2016	Nutrient	Phosphorus as P	Total	=	0.5	%	EPA 365.1	-88	-88	0	20	
2015/16-4	000NONPJ	matrix spike	3/10/2016	Nutrient	Phosphorus as P	Total	=	0.162	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/10/2016	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup	3/10/2016	Nutrient	Phosphorus as P	Total	=	0.165	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/10/2016	Nutrient	Phosphorus as P	Total	=	110	%	EPA 365.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, RPD	3/10/2016	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	20	
2015/16-4	Lab	method blank	3/10/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	Lab	LCS	3/10/2016	Nutrient	Phosphorus as P	Total	=	0.0492	mg/L	EPA 365.1	0.0014	0.01			
2015/16-4	Lab	LCS, rec	3/10/2016	Nutrient	Phosphorus as P	Total	=	98	%	EPA 365.1	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike	3/17/2016	Nutrient	TKN	n/a	=	1.21	mg/L	EPA 351.2	0.05	0.1			
2015/16-4	000NONPJ	matrix spike	3/17/2016	Nutrient	TKN	n/a	=	1.47	mg/L	EPA 351.2	0.05	0.1			
2015/16-4	000NONPJ	matrix spike dup	3/17/2016	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.05	0.1			
2015/16-4	000NONPJ	matrix spike dup	3/17/2016	Nutrient	TKN	n/a	=	1.4	mg/L	EPA 351.2	0.05	0.1			GB
2015/16-4	000NONPJ	matrix spike dup, rec	3/17/2016	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike dup, rec	3/17/2016	Nutrient	TKN	n/a	=	88	%	EPA 351.2	-88	-88	90	110	GB
2015/16-4	000NONPJ	matrix spike, rec	3/17/2016	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2015/16-4	000NONPJ	matrix spike, rec	3/17/2016	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	000NONPJ	matrix spike, RPD	3/17/2016	Nutrient	TKN	n/a	=	5	%	EPA 351.2	-88	-88	0	10	
2015/16-4	000NONPJ	matrix spike, RPD	3/17/2016	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2015/16-4	Lab	LCS	3/17/2016	Nutrient	TKN	n/a	=	0.938	mg/L	EPA 351.2	0.05	0.1			
2015/16-4	Lab	LCS	3/17/2016	Nutrient	TKN	n/a	=	0.934	mg/L	EPA 351.2	0.05	0.1			
2015/16-4	Lab	LCS, rec	3/17/2016	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2015/16-4	Lab	LCS, rec	3/17/2016	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2015/16-4	Lab	method blank	3/17/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-4	Lab	method blank	3/17/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-4	Lab	method blank	3/24/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	20.3	µg/L	EPA 625	0.55	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	81	%	EPA 625	-88	-88	44	142	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	19.9	µg/L	EPA 625	0.55	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	44	142	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	1,2-Dichlorobenzene	n/a	=	19.5	µg/L	EPA 625	0.57	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625	-88	-88	32	129	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	1,2-Dichlorobenzene	n/a	=	19.1	µg/L	EPA 625	0.57	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	1,2-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	32	129	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	1,2-Dichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	srgt LCS	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	48.6	µg/L	EPA 624	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624	-88	-88	82	125	
2015/16-4	Lab	srgt LCS dup	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	48.6	µg/L	EPA 624	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624	-88	-88	82	125	
2015/16-4	Lab	srgt method blank	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-4	ME-SCR	srgt environ	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-4	ME-VR2	srgt environ	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.9	µg/L	EPA 624	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2015/16-4	MO-HUE	srgt environ	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.3	µg/L	EPA 624	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2015/16-4	MO-MEI	srgt environ	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.9	µg/L	EPA 624	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624	-88	-88	82	125	
2015/16-4	MO-MPK	srgt environ	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	53.2	µg/L	EPA 624	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624	-88	-88	82	125	
2015/16-4	MO-OJA	srgt environ	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.4	µg/L	EPA 624	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/10/2016	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624	-88	-88	82	125	
2015/16-4	Lab	method blank	3/24/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-4	Lab	method blank	3/24/2016	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	1,3-Dichlorobenzene	n/a	=	18.9	µg/L	EPA 625	0.53	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	1,3-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	172	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	1,3-Dichlorobenzene	n/a	=	18.8	µg/L	EPA 625	0.53	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	1,3-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	0.1	172	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	1,3-Dichlorobenzene	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2015/16-4	000NONPJ	srgt matrix spike	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.635	µg/L	EPA 525.2m	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike, rec	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	127	%	EPA 525.2m	-88	-88	76	128	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	000NONPJ	srgt matrix spike dup	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.655	µg/L	EPA 525.2m	-88	-88			GN
2015/16-4	000NONPJ	srgt matrix spike dup, rec	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	131	%	EPA 525.2m	-88	-88	76	128	GN
2015/16-4	Lab	srgt method blank	3/18/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.518	µg/L	EPA 525.2m	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/18/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2015/16-4	Lab	srgt LCS	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.519	µg/L	EPA 525.2m	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2m	-88	-88	76	128	
2015/16-4	Lab	srgt method blank	3/21/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.486	µg/L	EPA 525.2m	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/21/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2015/16-4	Lab	srgt LCS	3/21/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.495	µg/L	EPA 525.2m	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/21/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2m	-88	-88	76	128	
2015/16-4	Lab	srgt method blank	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2015/16-4	Lab	srgt LCS	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	138	
2015/16-4	Lab	srgt LCS dup	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	138	
2015/16-4	ME-SCR	srgt environ	3/21/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.523	µg/L	EPA 525.2m	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/21/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2m	-88	-88	76	128	
2015/16-4	ME-SCR	srgt environ	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.33	µg/L	EPA 525.2	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2015/16-4	ME-VR2	srgt environ	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.543	µg/L	EPA 525.2m	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2m	-88	-88	76	128	
2015/16-4	ME-VR2	srgt environ	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2015/16-4	MO-HUE	srgt environ	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.585	µg/L	EPA 525.2m	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	%	EPA 525.2m	-88	-88	76	128	
2015/16-4	MO-HUE	srgt environ	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.7	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	138	
2015/16-4	MO-MEI	srgt environ	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.579	µg/L	EPA 525.2m	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	116	%	EPA 525.2m	-88	-88	76	128	
2015/16-4	MO-MEI	srgt environ	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.73	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	138	
2015/16-4	MO-MPK	srgt environ	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.6	µg/L	EPA 525.2m	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	120	%	EPA 525.2m	-88	-88	76	128	
2015/16-4	MO-MPK	srgt environ	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	138	
2015/16-4	MO-OJA	srgt environ	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.548	µg/L	EPA 525.2m	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/19/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2m	-88	-88	76	128	
2015/16-4	MO-OJA	srgt environ	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/26/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2015/16-4	Lab	method blank	3/24/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	1,4-Dichlorobenzene	n/a	=	20.4	µg/L	EPA 625	0.55	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	1,4-Dichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	20	124	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	1,4-Dichlorobenzene	n/a	=	20	µg/L	EPA 625	0.55	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	1,4-Dichlorobenzene	n/a	=	80	%	EPA 625	-88	-88	20	124	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	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	
2015/16-4	Lab	method blank	4/1/2016	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	method blank	3/26/2016	Organic	1-Methylphenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	method blank	3/27/2016	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2015/16-4	000NONPJ	srgt matrix spike	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.47	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike, rec	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 8270C	-88	-88	26	117	
2015/16-4	000NONPJ	srgt matrix spike dup	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.43	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike dup, rec	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2015/16-4	Lab	srgt method blank	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	44.5	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625	-88	-88	25	102	
2015/16-4	Lab	srgt LCS	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	45.2	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 625	-88	-88	25	102	
2015/16-4	Lab	srgt LCS dup	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	44.7	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625	-88	-88	25	102	
2015/16-4	Lab	srgt method blank	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.18	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2015/16-4	Lab	srgt LCS	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.83	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 8270C	-88	-88	26	117	
2015/16-4	Lab	srgt method blank	3/29/2016	Organic	2,4,6-Tribromophenol	n/a	=	48.7	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/29/2016	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 625	-88	-88	25	102	
2015/16-4	Lab	srgt LCS	3/29/2016	Organic	2,4,6-Tribromophenol	n/a	=	52.4	µg/L	EPA 625	-88	-88			GN
2015/16-4	Lab	srgt LCS, rec	3/29/2016	Organic	2,4,6-Tribromophenol	n/a	=	105	%	EPA 625	-88	-88	25	102	GN
2015/16-4	Lab	srgt LCS dup	3/29/2016	Organic	2,4,6-Tribromophenol	n/a	=	51.6	µg/L	EPA 625	-88	-88			GN
2015/16-4	Lab	srgt LCS dup, rec	3/29/2016	Organic	2,4,6-Tribromophenol	n/a	=	103	%	EPA 625	-88	-88	25	102	GN
2015/16-4	ME-SCR	srgt environ	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	35.8	µg/L	EPA 625	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	25	102	
2015/16-4	ME-SCR	srgt environ	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.18	µg/L	EPA 8270C	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2015/16-4	ME-VR2	srgt environ	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	40	µg/L	EPA 625	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625	-88	-88	25	102	
2015/16-4	ME-VR2	srgt environ	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.63	µg/L	EPA 8270C	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 8270C	-88	-88	26	117	
2015/16-4	MO-HUE	srgt environ	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	53.3	µg/L	EPA 625	-88	-88			GN
2015/16-4	MO-HUE	srgt environ, rec	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	107	%	EPA 625	-88	-88	25	102	GN
2015/16-4	MO-HUE	srgt environ	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	11.3	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	113	%	EPA 8270C	-88	-88	26	117	
2015/16-4	MO-MEI	srgt environ	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	54.1	µg/L	EPA 625	-88	-88			GN
2015/16-4	MO-MEI	srgt environ, rec	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	108	%	EPA 625	-88	-88	25	102	GN
2015/16-4	MO-MEI	srgt environ	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	12.2	µg/L	EPA 8270C	-88	-88			GN
2015/16-4	MO-MEI	srgt environ, rec	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	122	%	EPA 8270C	-88	-88	26	117	GN
2015/16-4	MO-MPK	srgt environ	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	51.7	µg/L	EPA 625	-88	-88			GN
2015/16-4	MO-MPK	srgt environ, rec	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	103	%	EPA 625	-88	-88	25	102	GN
2015/16-4	MO-MPK	srgt environ	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	12.1	µg/L	EPA 8270C	-88	-88			GN
2015/16-4	MO-MPK	srgt environ, rec	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	121	%	EPA 8270C	-88	-88	26	117	GN
2015/16-4	MO-OJA	srgt environ	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	49.3	µg/L	EPA 625	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/24/2016	Organic	2,4,6-Tribromophenol	n/a	=	99	%	EPA 625	-88	-88	25	102	
2015/16-4	MO-OJA	srgt environ	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	11.2	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	112	%	EPA 8270C	-88	-88	26	117	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	method blank	3/24/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	2,4,6-Trichlorophenol	n/a	=	21.3	µg/L	EPA 625	0.22	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 625	-88	-88	37	144	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	2,4,6-Trichlorophenol	n/a	=	21.8	µg/L	EPA 625	0.22	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	2,4,6-Trichlorophenol	n/a	=	87	%	EPA 625	-88	-88	37	144	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-4	Lab	LCS	3/27/2016	Organic	2,4,6-Trichlorophenol	n/a	=	8.69	µg/L	EPA 8270C	0.3	1			
2015/16-4	Lab	LCS, rec	3/27/2016	Organic	2,4,6-Trichlorophenol	n/a	=	87	%	EPA 8270C	-88	-88	30	115	
2015/16-4	Lab	method blank	3/24/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	2,4-Dichlorophenol	n/a	=	22.7	µg/L	EPA 625	0.26	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	2,4-Dichlorophenol	n/a	=	91	%	EPA 625	-88	-88	39	135	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	2,4-Dichlorophenol	n/a	=	23.4	µg/L	EPA 625	0.26	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	2,4-Dichlorophenol	n/a	=	94	%	EPA 625	-88	-88	39	135	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	2,4-Dichlorophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2015/16-4	Lab	LCS	3/27/2016	Organic	2,4-Dichlorophenol	n/a	=	7.77	µg/L	EPA 8270C	0.51	1			
2015/16-4	Lab	LCS, rec	3/27/2016	Organic	2,4-Dichlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	32	105	
2015/16-4	000NONPJ	srgt matrix spike	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.41	µg/L	EPA 515.3	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike, rec	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	srgt matrix spike dup	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.21	µg/L	EPA 515.3	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike dup, rec	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	srgt matrix spike	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.96	µg/L	EPA 515.3	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike, rec	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	srgt matrix spike dup	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.1	µg/L	EPA 515.3	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike dup, rec	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2015/16-4	Lab	srgt method blank	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.61	µg/L	EPA 515.3	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-4	Lab	srgt LCS	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.96	µg/L	EPA 515.3	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/9/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-4	ME-SCR	srgt environ	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.67	µg/L	EPA 515.3	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-4	ME-VR2	srgt environ	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.23	µg/L	EPA 515.3	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2015/16-4	MO-HUE	srgt environ	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.02	µg/L	EPA 515.3	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2015/16-4	MO-MEI	srgt environ	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.33	µg/L	EPA 515.3	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-4	MO-MPK	srgt environ	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.34	µg/L	EPA 515.3	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-4	MO-OJA	srgt environ	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.98	µg/L	EPA 515.3	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/10/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2015/16-4	Lab	method blank	3/24/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	2,4-Dimethylphenol	n/a	=	17.8	µg/L	EPA 625	0.3	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	2,4-Dimethylphenol	n/a	=	71	%	EPA 625	-88	-88	32	119	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	2,4-Dimethylphenol	n/a	=	16.8	µg/L	EPA 625	0.3	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	2,4-Dimethylphenol	n/a	=	67	%	EPA 625	-88	-88	32	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	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	2,4-Dimethylphenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-4	Lab	LCS	3/27/2016	Organic	2,4-Dimethylphenol	n/a	=	5.67	µg/L	EPA 8270C	1	2			
2015/16-4	Lab	LCS, rec	3/27/2016	Organic	2,4-Dimethylphenol	n/a	=	57	%	EPA 8270C	-88	-88	31	97	
2015/16-4	Lab	method blank	3/24/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-4	Lab	LCS	3/24/2016	Organic	2,4-Dinitrophenol	n/a	=	21.2	µg/L	EPA 625	1.6	10			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	2,4-Dinitrophenol	n/a	=	85	%	EPA 625	-88	-88	0.1	191	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	2,4-Dinitrophenol	n/a	=	21.9	µg/L	EPA 625	1.6	10			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	2,4-Dinitrophenol	n/a	=	88	%	EPA 625	-88	-88	0.1	191	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	2,4-Dinitrophenol	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-4	Lab	LCS	3/27/2016	Organic	2,4-Dinitrophenol	n/a	=	5.56	µg/L	EPA 8270C	1	2			
2015/16-4	Lab	LCS, rec	3/27/2016	Organic	2,4-Dinitrophenol	n/a	=	56	%	EPA 8270C	-88	-88	7	155	
2015/16-4	Lab	method blank	3/24/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	2,4-Dinitrotoluene	n/a	=	22	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	2,4-Dinitrotoluene	n/a	=	88	%	EPA 625	-88	-88	39	139	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	2,4-Dinitrotoluene	n/a	=	22.6	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	2,4-Dinitrotoluene	n/a	=	91	%	EPA 625	-88	-88	39	139	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	2,4-Dinitrotoluene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	2,6-Dimethylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	method blank	3/24/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	2,6-Dinitrotoluene	n/a	=	20.3	µg/L	EPA 625	0.27	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	50	158	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	2,6-Dinitrotoluene	n/a	=	21.1	µg/L	EPA 625	0.27	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	2,6-Dinitrotoluene	n/a	=	84	%	EPA 625	-88	-88	50	158	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	2,6-Dinitrotoluene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	LCS	3/10/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	48.2	µg/L	EPA 624	0.28	1			
2015/16-4	Lab	LCS, rec	3/10/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	96	%	EPA 624	-88	-88	0.1	305	
2015/16-4	Lab	LCS dup	3/10/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	49.1	µg/L	EPA 624	0.28	1			
2015/16-4	Lab	LCS dup, rec	3/10/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	98	%	EPA 624	-88	-88	0.1	305	
2015/16-4	Lab	LCS, RPD	3/10/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 624	-88	-88	0	25	
2015/16-4	Lab	method blank	3/10/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2015/16-4	Lab	method blank	3/24/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	2-Chloronaphthalene	n/a	=	21.3	µg/L	EPA 625	0.45	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625	-88	-88	60	118	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	2-Chloronaphthalene	n/a	=	21.2	µg/L	EPA 625	0.45	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625	-88	-88	60	118	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	2-Chloronaphthalene	n/a	=	0.1	%	EPA 625	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/27/2016	Organic	2-Chlorophenol	n/a	=	7.42	µg/L	EPA 8270C	0.65	1			
2015/16-4	000NONPJ	matrix spike, rec	3/27/2016	Organic	2-Chlorophenol	n/a	=	74	%	EPA 8270C	-88	-88	12	106	
2015/16-4	000NONPJ	matrix spike dup	3/27/2016	Organic	2-Chlorophenol	n/a	=	6.66	µg/L	EPA 8270C	0.65	1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/27/2016	Organic	2-Chlorophenol	n/a	=	67	%	EPA 8270C	-88	-88	12	106	
2015/16-4	000NONPJ	matrix spike, RPD	3/27/2016	Organic	2-Chlorophenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	2-Chlorophenol	n/a	=	22	µg/L	EPA 625	0.28	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	2-Chlorophenol	n/a	=	88	%	EPA 625	-88	-88	23	134	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	2-Chlorophenol	n/a	=	22.2	µg/L	EPA 625	0.28	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	2-Chlorophenol	n/a	=	89	%	EPA 625	-88	-88	23	134	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	2-Chlorophenol	n/a	=	0.9	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2015/16-4	Lab	LCS	3/27/2016	Organic	2-Chlorophenol	n/a	=	7.2	µg/L	EPA 8270C	0.65	1			
2015/16-4	Lab	LCS, rec	3/27/2016	Organic	2-Chlorophenol	n/a	=	72	%	EPA 8270C	-88	-88	27	90	
2015/16-4	000NONPJ	srgt matrix spike	3/26/2016	Organic	2-Fluorobiphenyl	n/a	=	4.13	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike, rec	3/26/2016	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270C	-88	-88	51	139	
2015/16-4	000NONPJ	srgt matrix spike dup	3/26/2016	Organic	2-Fluorobiphenyl	n/a	=	3.68	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike dup, rec	3/26/2016	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270C	-88	-88	51	139	
2015/16-4	Lab	srgt method blank	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	19.8	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	107	
2015/16-4	Lab	srgt LCS	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	107	
2015/16-4	Lab	srgt LCS dup	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	107	
2015/16-4	Lab	srgt method blank	3/26/2016	Organic	2-Fluorobiphenyl	n/a	=	3.47	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/26/2016	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2015/16-4	Lab	srgt LCS	3/26/2016	Organic	2-Fluorobiphenyl	n/a	=	3.98	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/26/2016	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270C	-88	-88	51	139	
2015/16-4	Lab	srgt method blank	3/29/2016	Organic	2-Fluorobiphenyl	n/a	=	20.2	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/29/2016	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625	-88	-88	22	107	
2015/16-4	Lab	srgt LCS	3/29/2016	Organic	2-Fluorobiphenyl	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/29/2016	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	107	
2015/16-4	Lab	srgt LCS dup	3/29/2016	Organic	2-Fluorobiphenyl	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/29/2016	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625	-88	-88	22	107	
2015/16-4	Lab	srgt method blank	4/1/2016	Organic	2-Fluorobiphenyl	n/a	=	3.62	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt method blank, rec	4/1/2016	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2015/16-4	Lab	srgt LCS	4/1/2016	Organic	2-Fluorobiphenyl	n/a	=	3.95	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt LCS, rec	4/1/2016	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270C	-88	-88	51	139	
2015/16-4	ME-SCR	srgt environ	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	13.9	µg/L	EPA 625	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 625	-88	-88	22	107	
2015/16-4	ME-SCR	srgt environ	3/26/2016	Organic	2-Fluorobiphenyl	n/a	=	2.29	µg/L	EPA 8270C	-88	-88			GN
2015/16-4	ME-SCR	srgt environ, rec	3/26/2016	Organic	2-Fluorobiphenyl	n/a	=	46	%	EPA 8270C	-88	-88	51	139	GN
2015/16-4	ME-VR2	srgt environ	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 625	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625	-88	-88	22	107	
2015/16-4	ME-VR2	srgt environ	3/27/2016	Organic	2-Fluorobiphenyl	n/a	=	3.45	µg/L	EPA 8270C	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/27/2016	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2015/16-4	MO-HUE	srgt environ	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	18.7	µg/L	EPA 625	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	107	
2015/16-4	MO-HUE	srgt environ	3/27/2016	Organic	2-Fluorobiphenyl	n/a	=	3.8	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/27/2016	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2015/16-4	MO-MEI	srgt environ	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	107	
2015/16-4	MO-MEI	srgt environ	3/27/2016	Organic	2-Fluorobiphenyl	n/a	=	4.14	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/27/2016	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270C	-88	-88	51	139	
2015/16-4	MO-MPK	srgt environ	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	20.2	µg/L	EPA 625	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625	-88	-88	22	107	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	MO-MPK	srgt environ	3/27/2016	Organic	2-Fluorobiphenyl	n/a	=	4.24	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/27/2016	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270C	-88	-88	51	139	
2015/16-4	MO-OJA	srgt environ	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/24/2016	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	107	
2015/16-4	MO-OJA	srgt environ	3/27/2016	Organic	2-Fluorobiphenyl	n/a	=	3.89	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/27/2016	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2015/16-4	000NONPJ	srgt matrix spike	3/27/2016	Organic	2-Fluorophenol	n/a	=	5.36	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike, rec	3/27/2016	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270C	-88	-88	11	62	
2015/16-4	000NONPJ	srgt matrix spike dup	3/27/2016	Organic	2-Fluorophenol	n/a	=	4.62	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike dup, rec	3/27/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2015/16-4	Lab	srgt method blank	3/24/2016	Organic	2-Fluorophenol	n/a	=	27.4	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/24/2016	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	3	74	
2015/16-4	Lab	srgt LCS	3/24/2016	Organic	2-Fluorophenol	n/a	=	24.9	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/24/2016	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625	-88	-88	3	74	
2015/16-4	Lab	srgt LCS dup	3/24/2016	Organic	2-Fluorophenol	n/a	=	25.3	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/24/2016	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	3	74	
2015/16-4	Lab	srgt method blank	3/27/2016	Organic	2-Fluorophenol	n/a	=	4.62	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/27/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2015/16-4	Lab	srgt LCS	3/27/2016	Organic	2-Fluorophenol	n/a	=	4.53	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/27/2016	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2015/16-4	Lab	srgt method blank	3/29/2016	Organic	2-Fluorophenol	n/a	=	26.8	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/29/2016	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	3	74	
2015/16-4	Lab	srgt LCS	3/29/2016	Organic	2-Fluorophenol	n/a	=	24.3	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/29/2016	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	3	74	
2015/16-4	Lab	srgt LCS dup	3/29/2016	Organic	2-Fluorophenol	n/a	=	24.2	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/29/2016	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	3	74	
2015/16-4	ME-SCR	srgt environ	3/24/2016	Organic	2-Fluorophenol	n/a	=	22.9	µg/L	EPA 625	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/24/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2015/16-4	ME-SCR	srgt environ	3/27/2016	Organic	2-Fluorophenol	n/a	=	3.65	µg/L	EPA 8270C	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/27/2016	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2015/16-4	ME-VR2	srgt environ	3/24/2016	Organic	2-Fluorophenol	n/a	=	22.8	µg/L	EPA 625	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/24/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2015/16-4	ME-VR2	srgt environ	3/27/2016	Organic	2-Fluorophenol	n/a	=	3.86	µg/L	EPA 8270C	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/27/2016	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2015/16-4	MO-HUE	srgt environ	3/24/2016	Organic	2-Fluorophenol	n/a	=	27.1	µg/L	EPA 625	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/24/2016	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	3	74	
2015/16-4	MO-HUE	srgt environ	3/27/2016	Organic	2-Fluorophenol	n/a	=	3.9	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/27/2016	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2015/16-4	MO-MEI	srgt environ	3/24/2016	Organic	2-Fluorophenol	n/a	=	25.1	µg/L	EPA 625	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/24/2016	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625	-88	-88	3	74	
2015/16-4	MO-MEI	srgt environ	3/27/2016	Organic	2-Fluorophenol	n/a	=	4.51	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/27/2016	Organic	2-Fluorophenol	n/a	=	45	%	EPA 8270C	-88	-88	11	62	
2015/16-4	MO-MPK	srgt environ	3/24/2016	Organic	2-Fluorophenol	n/a	=	25.4	µg/L	EPA 625	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/24/2016	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	3	74	
2015/16-4	MO-MPK	srgt environ	3/27/2016	Organic	2-Fluorophenol	n/a	=	4.29	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/27/2016	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2015/16-4	MO-OJA	srgt environ	3/24/2016	Organic	2-Fluorophenol	n/a	=	23	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	
2015/16-4	MO-OJA	srgt environ, rec	3/24/2016	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	3	74	
2015/16-4	MO-OJA	srgt environ	3/27/2016	Organic	2-Fluorophenol	n/a	=	3.93	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/27/2016	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2015/16-4	Lab	method blank	3/26/2016	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	method blank	4/1/2016	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	method blank	3/27/2016	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2015/16-4	Lab	method blank	3/24/2016	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	2-Nitrophenol	n/a	=	22.5	µg/L	EPA 625	0.26	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	2-Nitrophenol	n/a	=	90	%	EPA 625	-88	-88	29	182	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	2-Nitrophenol	n/a	=	23	µg/L	EPA 625	0.26	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	2-Nitrophenol	n/a	=	92	%	EPA 625	-88	-88	29	182	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	2-Nitrophenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2015/16-4	Lab	LCS	3/27/2016	Organic	2-Nitrophenol	n/a	=	7.33	µg/L	EPA 8270C	0.71	1			
2015/16-4	Lab	LCS, rec	3/27/2016	Organic	2-Nitrophenol	n/a	=	73	%	EPA 8270C	-88	-88	33	103	
2015/16-4	Lab	method blank	3/24/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-4	Lab	LCS	3/24/2016	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	3.99	µg/L	EPA 625	1.2	5			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	16	%	EPA 625	-88	-88	0.1	262	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	6.32	µg/L	EPA 625	1.2	5			IL
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	25	%	EPA 625	-88	-88	0.1	262	IL
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	45	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-4	Lab	method blank	3/24/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-4	Lab	LCS	3/24/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.8	µg/L	EPA 625	1.7	5			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 625	-88	-88	0.1	181	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	23.3	µg/L	EPA 625	1.7	5			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 625	-88	-88	0.1	181	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2015/16-4	Lab	LCS	3/27/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.32	µg/L	EPA 8270C	0.14	1			
2015/16-4	Lab	LCS, rec	3/27/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	73	%	EPA 8270C	-88	-88	33	118	
2015/16-4	Lab	srgt LCS	3/9/2016	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015B	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/9/2016	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015B	-88	-88	72	124	
2015/16-4	Lab	srgt LCS dup	3/9/2016	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015B	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/9/2016	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015B	-88	-88	72	124	
2015/16-4	Lab	srgt method blank	3/9/2016	Organic	4-Bromofluorobenzene	n/a	=	38	µg/L	EPA 8015B	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/9/2016	Organic	4-Bromofluorobenzene	n/a	=	76	%	EPA 8015B	-88	-88	72	124	
2015/16-4	Lab	srgt LCS	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	50.7	µg/L	EPA 624	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-4	Lab	srgt LCS dup	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2015/16-4	Lab	srgt method blank	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-4	Lab	srgt LCS	3/14/2016	Organic	4-Bromofluorobenzene	n/a	=	42	µg/L	EPA 8015B	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/14/2016	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 8015B	-88	-88	72	124	
2015/16-4	Lab	srgt LCS dup	3/14/2016	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015B	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/14/2016	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015B	-88	-88	72	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	
2015/16-4	Lab	srgt method blank	3/14/2016	Organic	4-Bromofluorobenzene	n/a	=	46	µg/L	EPA 8015B	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/14/2016	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8015B	-88	-88	72	124	
2015/16-4	ME-SCR	srgt environ	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	43	µg/L	EPA 8015B	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 8015B	-88	-88	72	124	
2015/16-4	ME-SCR	srgt environ	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-4	ME-VR2	srgt environ	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	38	µg/L	EPA 8015B	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	76	%	EPA 8015B	-88	-88	72	124	
2015/16-4	ME-VR2	srgt environ	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 624	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-4	MO-HUE	srgt environ	3/9/2016	Organic	4-Bromofluorobenzene	n/a	=	37	µg/L	EPA 8015B	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/9/2016	Organic	4-Bromofluorobenzene	n/a	=	74	%	EPA 8015B	-88	-88	72	124	
2015/16-4	MO-HUE	srgt environ	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 624	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624	-88	-88	88	108	
2015/16-4	MO-MEI	srgt environ	3/9/2016	Organic	4-Bromofluorobenzene	n/a	=	40	µg/L	EPA 8015B	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/9/2016	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 8015B	-88	-88	72	124	
2015/16-4	MO-MEI	srgt environ	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-4	MO-MPK	srgt environ	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2015/16-4	MO-MPK	srgt environ	3/14/2016	Organic	4-Bromofluorobenzene	n/a	=	39	µg/L	EPA 8015B	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/14/2016	Organic	4-Bromofluorobenzene	n/a	=	78	%	EPA 8015B	-88	-88	72	124	
2015/16-4	MO-OJA	srgt environ	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	36	µg/L	EPA 8015B	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	72	%	EPA 8015B	-88	-88	72	124	
2015/16-4	MO-OJA	srgt environ	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/10/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-4	Lab	method blank	3/24/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	18.9	µg/L	EPA 625	0.36	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	53	127	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	18.9	µg/L	EPA 625	0.36	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	53	127	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	0	%	EPA 625	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	8.24	µg/L	EPA 8270C	0.37	1			
2015/16-4	000NONPJ	matrix spike, rec	3/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 8270C	-88	-88	9	127	
2015/16-4	000NONPJ	matrix spike dup	3/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	7.51	µg/L	EPA 8270C	0.37	1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	75	%	EPA 8270C	-88	-88	9	127	
2015/16-4	000NONPJ	matrix spike, RPD	3/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	4-Chloro-3-methylphenol	n/a	=	20.4	µg/L	EPA 625	0.23	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 625	-88	-88	22	147	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	4-Chloro-3-methylphenol	n/a	=	21.3	µg/L	EPA 625	0.23	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 625	-88	-88	22	147	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	4-Chloro-3-methylphenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2015/16-4	Lab	LCS	3/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	8.36	µg/L	EPA 8270C	0.37	1			
2015/16-4	Lab	LCS, rec	3/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	84	%	EPA 8270C	-88	-88	29	108	
2015/16-4	Lab	method blank	3/24/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	LCS	3/24/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	22	µg/L	EPA 625	0.41	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	88	%	EPA 625	-88	-88	25	158	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	22.2	µg/L	EPA 625	0.41	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	89	%	EPA 625	-88	-88	25	158	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/27/2016	Organic	4-Nitrophenol	n/a	=	5.21	µg/L	EPA 8270C	1	2			
2015/16-4	000NONPJ	matrix spike, rec	3/27/2016	Organic	4-Nitrophenol	n/a	=	52	%	EPA 8270C	-88	-88	0.1	77	
2015/16-4	000NONPJ	matrix spike dup	3/27/2016	Organic	4-Nitrophenol	n/a	=	4.46	µg/L	EPA 8270C	1	2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/27/2016	Organic	4-Nitrophenol	n/a	=	45	%	EPA 8270C	-88	-88	0.1	77	
2015/16-4	000NONPJ	matrix spike, RPD	3/27/2016	Organic	4-Nitrophenol	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-4	Lab	LCS	3/24/2016	Organic	4-Nitrophenol	n/a	=	8.29	µg/L	EPA 625	0.45	5			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625	-88	-88	0.1	132	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	4-Nitrophenol	n/a	=	8.62	µg/L	EPA 625	0.45	5			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	4-Nitrophenol	n/a	=	34	%	EPA 625	-88	-88	0.1	132	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	4-Nitrophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-4	Lab	LCS	3/27/2016	Organic	4-Nitrophenol	n/a	=	4.56	µg/L	EPA 8270C	1	2			
2015/16-4	Lab	LCS, rec	3/27/2016	Organic	4-Nitrophenol	n/a	=	46	%	EPA 8270C	-88	-88	6	46	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Acenaphthene	n/a	=	9.88	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Acenaphthene	n/a	=	99	%	EPA 8270C	-88	-88	16	116	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Acenaphthene	n/a	=	8.69	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Acenaphthene	n/a	=	87	%	EPA 8270C	-88	-88	16	116	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Acenaphthene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Acenaphthene	n/a	=	24.8	µg/L	EPA 625	0.38	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Acenaphthene	n/a	=	99	%	EPA 625	-88	-88	47	145	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Acenaphthene	n/a	=	24.7	µg/L	EPA 625	0.38	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Acenaphthene	n/a	=	99	%	EPA 625	-88	-88	47	145	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Acenaphthene	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Acenaphthene	n/a	=	9.88	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Acenaphthene	n/a	=	99	%	EPA 8270C	-88	-88	11	122	
2015/16-4	Lab	method blank	4/1/2016	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Acenaphthene	n/a	=	9.03	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Acenaphthene	n/a	=	90	%	EPA 8270C	-88	-88	11	122	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Acenaphthylene	n/a	=	8.67	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Acenaphthylene	n/a	=	87	%	EPA 8270C	-88	-88	23	106	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Acenaphthylene	n/a	=	7.52	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Acenaphthylene	n/a	=	75	%	EPA 8270C	-88	-88	23	106	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Acenaphthylene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Acenaphthylene	n/a	=	23.6	µg/L	EPA 625	0.4	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Acenaphthylene	n/a	=	94	%	EPA 625	-88	-88	33	145	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Acenaphthylene	n/a	=	22.3	µg/L	EPA 625	0.4	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Acenaphthylene	n/a	=	89	%	EPA 625	-88	-88	33	145	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Acenaphthylene	n/a	=	5	%	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	
2015/16-4	Lab	method blank	3/26/2016	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Acenaphthylene	n/a	=	8.68	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Acenaphthylene	n/a	=	87	%	EPA 8270C	-88	-88	4	135	
2015/16-4	Lab	method blank	4/1/2016	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Acenaphthylene	n/a	=	8.45	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Acenaphthylene	n/a	=	84	%	EPA 8270C	-88	-88	4	135	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Anthracene	n/a	=	9.03	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Anthracene	n/a	=	90	%	EPA 8270C	-88	-88	5	147	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Anthracene	n/a	=	8.19	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Anthracene	n/a	=	82	%	EPA 8270C	-88	-88	5	147	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Anthracene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Anthracene	n/a	=	21.9	µg/L	EPA 625	0.34	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Anthracene	n/a	=	88	%	EPA 625	-88	-88	27	133	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Anthracene	n/a	=	22.7	µg/L	EPA 625	0.34	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Anthracene	n/a	=	91	%	EPA 625	-88	-88	27	133	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Anthracene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Anthracene	n/a	=	8.94	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Anthracene	n/a	=	89	%	EPA 8270C	-88	-88	22	127	
2015/16-4	Lab	method blank	4/1/2016	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Anthracene	n/a	=	9.4	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Anthracene	n/a	=	94	%	EPA 8270C	-88	-88	22	127	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Benz(a)anthracene	n/a	=	6.85	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Benz(a)anthracene	n/a	=	69	%	EPA 8270C	-88	-88	1	140	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Benz(a)anthracene	n/a	=	6.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Benz(a)anthracene	n/a	=	61	%	EPA 8270C	-88	-88	1	140	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Benz(a)anthracene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Benz(a)anthracene	n/a	=	21.1	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Benz(a)anthracene	n/a	=	84	%	EPA 625	-88	-88	33	143	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Benz(a)anthracene	n/a	=	21.1	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Benz(a)anthracene	n/a	=	84	%	EPA 625	-88	-88	33	143	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Benz(a)anthracene	n/a	=	0.05	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Benz(a)anthracene	n/a	=	6.51	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Benz(a)anthracene	n/a	=	65	%	EPA 8270C	-88	-88	17	131	
2015/16-4	Lab	method blank	4/1/2016	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Benz(a)anthracene	n/a	=	9.62	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Benz(a)anthracene	n/a	=	96	%	EPA 8270C	-88	-88	17	131	
2015/16-4	Lab	method blank	3/24/2016	Organic	Benzydine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	5.96	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	60	%	EPA 8270C	-88	-88	20	109	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	5.86	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	59	%	EPA 8270C	-88	-88	20	109	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	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	
2015/16-4	Lab	LCS	3/24/2016	Organic	Benzo(a)pyrene	n/a	=	19	µg/L	EPA 625	0.13	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Benzo(a)pyrene	n/a	=	76	%	EPA 625	-88	-88	17	163	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Benzo(a)pyrene	n/a	=	20.1	µg/L	EPA 625	0.13	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Benzo(a)pyrene	n/a	=	80	%	EPA 625	-88	-88	17	163	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	method blank	3/26/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	5.38	µg/L	EPA 525.2	0.07	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 525.2	-88	-88	40	147	
2015/16-4	Lab	LCS	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	6.24	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	62	%	EPA 8270C	-88	-88	12	131	
2015/16-4	Lab	LCS dup	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	5.03	µg/L	EPA 525.2	0.07	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	101	%	EPA 525.2	-88	-88	40	147	
2015/16-4	Lab	LCS, RPD	3/26/2016	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-4	Lab	method blank	4/1/2016	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Benzo(a)pyrene	n/a	=	8.8	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 8270C	-88	-88	12	131	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	5.98	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	60	%	EPA 8270C	-88	-88	19	119	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	5.9	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	59	%	EPA 8270C	-88	-88	19	119	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Benzo(b)fluoranthene	n/a	=	21.1	µg/L	EPA 625	0.14	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 625	-88	-88	24	159	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Benzo(b)fluoranthene	n/a	=	22	µg/L	EPA 625	0.14	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Benzo(b)fluoranthene	n/a	=	88	%	EPA 625	-88	-88	24	159	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	6.08	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Benzo(b)fluoranthene	n/a	=	61	%	EPA 8270C	-88	-88	19	129	
2015/16-4	Lab	method blank	4/1/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Benzo(b)fluoranthene	n/a	=	8.23	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Benzo(b)fluoranthene	n/a	=	82	%	EPA 8270C	-88	-88	19	129	
2015/16-4	Lab	method blank	3/26/2016	Organic	Benzo(e)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	6.65	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	66	%	EPA 8270C	-88	-88	24	117	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	6.66	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	67	%	EPA 8270C	-88	-88	24	117	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	0.2	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-4	Lab	LCS	3/24/2016	Organic	Benzo(g,h,i)perylene	n/a	=	21.7	µg/L	EPA 625	0.1	2			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Benzo(g,h,i)perylene	n/a	=	87	%	EPA 625	-88	-88	0.1	219	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Benzo(g,h,i)perylene	n/a	=	21.9	µg/L	EPA 625	0.1	2			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Benzo(g,h,i)perylene	n/a	=	88	%	EPA 625	-88	-88	0.1	219	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Benzo(g,h,i)perylene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	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	
2015/16-4	Lab	LCS	3/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	6.98	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Benzo(g,h,i)perylene	n/a	=	70	%	EPA 8270C	-88	-88	14	139	
2015/16-4	Lab	method blank	4/1/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Benzo(g,h,i)perylene	n/a	=	8.02	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Benzo(g,h,i)perylene	n/a	=	80	%	EPA 8270C	-88	-88	14	139	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	6.81	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	68	%	EPA 8270C	-88	-88	17	123	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	6.61	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	66	%	EPA 8270C	-88	-88	17	123	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Benzo(k)fluoranthene	n/a	=	21	µg/L	EPA 625	0.22	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 625	-88	-88	11	162	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Benzo(k)fluoranthene	n/a	=	22	µg/L	EPA 625	0.22	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 625	-88	-88	11	162	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	7.02	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Benzo(k)fluoranthene	n/a	=	70	%	EPA 8270C	-88	-88	22	127	
2015/16-4	Lab	method blank	4/1/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Benzo(k)fluoranthene	n/a	=	8.76	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 8270C	-88	-88	22	127	
2015/16-4	Lab	method blank	3/26/2016	Organic	Biphenyl	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	method blank	3/24/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	21.9	µg/L	EPA 625	0.25	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	87	%	EPA 625	-88	-88	33	184	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	22.5	µg/L	EPA 625	0.25	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	90	%	EPA 625	-88	-88	33	184	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	20.2	µg/L	EPA 625	0.27	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	81	%	EPA 625	-88	-88	12	158	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	20.7	µg/L	EPA 625	0.27	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	83	%	EPA 625	-88	-88	12	158	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	22.7	µg/L	EPA 625	0.38	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	91	%	EPA 625	-88	-88	36	166	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	23.1	µg/L	EPA 625	0.38	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	92	%	EPA 625	-88	-88	36	166	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.5	µg/L	EPA 525.2	0.1	5			IP
2015/16-4	Lab	LCS	3/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.34	µg/L	EPA 525.2	0.1	5			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	127	%	EPA 525.2	-88	-88	71	158	
2015/16-4	Lab	LCS dup	3/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.67	µg/L	EPA 525.2	0.1	5			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	113	%	EPA 525.2	-88	-88	71	158	
2015/16-4	Lab	LCS, RPD	3/26/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	11	%	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	
2015/16-4	Lab	method blank	3/24/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-4	Lab	LCS	3/24/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	21.5	µg/L	EPA 625	2.3	5			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	86	%	EPA 625	-88	-88	8	158	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.9	µg/L	EPA 625	2.3	5			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	84	%	EPA 625	-88	-88	8	158	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-4	Lab	LCS	3/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.2	µg/L	EPA 525.2	1.1	3			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	144	%	EPA 525.2	-88	-88	68	154	
2015/16-4	Lab	LCS dup	3/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.5	µg/L	EPA 525.2	1.1	3			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	130	%	EPA 525.2	-88	-88	68	154	
2015/16-4	Lab	LCS, RPD	3/26/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Butyl benzyl phthalate	n/a	=	22.5	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Butyl benzyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	152	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Butyl benzyl phthalate	n/a	=	22.3	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Butyl benzyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	152	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Butyl benzyl phthalate	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Chrysene	n/a	=	8.93	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Chrysene	n/a	=	89	%	EPA 8270C	-88	-88	11	151	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Chrysene	n/a	=	8.31	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Chrysene	n/a	=	83	%	EPA 8270C	-88	-88	11	151	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Chrysene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Chrysene	n/a	=	23	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Chrysene	n/a	=	92	%	EPA 625	-88	-88	17	168	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Chrysene	n/a	=	23.4	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Chrysene	n/a	=	94	%	EPA 625	-88	-88	17	168	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Chrysene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Chrysene	n/a	=	8.85	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Chrysene	n/a	=	88	%	EPA 8270C	-88	-88	32	126	
2015/16-4	Lab	method blank	4/1/2016	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Chrysene	n/a	=	8.13	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Chrysene	n/a	=	81	%	EPA 8270C	-88	-88	32	126	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	6.51	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	65	%	EPA 8270C	-88	-88	23	123	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	6.34	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	63	%	EPA 8270C	-88	-88	23	123	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-4	Lab	LCS	3/24/2016	Organic	Dibenz(a,h)anthracene	n/a	=	18.7	µg/L	EPA 625	0.08	2			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Dibenz(a,h)anthracene	n/a	=	75	%	EPA 625	-88	-88	0.1	227	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Dibenz(a,h)anthracene	n/a	=	19	µg/L	EPA 625	0.08	2			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Dibenz(a,h)anthracene	n/a	=	76	%	EPA 625	-88	-88	0.1	227	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	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	
2015/16-4	Lab	LCS	3/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	6.73	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Dibenz(a,h)anthracene	n/a	=	67	%	EPA 8270C	-88	-88	9	147	
2015/16-4	Lab	method blank	4/1/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Dibenz(a,h)anthracene	n/a	=	7.07	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Dibenz(a,h)anthracene	n/a	=	71	%	EPA 8270C	-88	-88	9	147	
2015/16-4	Lab	method blank	3/24/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Diethyl phthalate	n/a	=	24.6	µg/L	EPA 625	0.15	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Diethyl phthalate	n/a	=	98	%	EPA 625	-88	-88	0.1	114	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Diethyl phthalate	n/a	=	24.6	µg/L	EPA 625	0.15	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Diethyl phthalate	n/a	=	99	%	EPA 625	-88	-88	0.1	114	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Diethyl phthalate	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Dimethyl phthalate	n/a	=	27.6	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Dimethyl phthalate	n/a	=	111	%	EPA 625	-88	-88	0.1	112	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Dimethyl phthalate	n/a	=	26.5	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Dimethyl phthalate	n/a	=	106	%	EPA 625	-88	-88	0.1	112	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Dimethyl phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/29/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS	3/29/2016	Organic	Dimethyl phthalate	n/a	=	25.4	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS, rec	3/29/2016	Organic	Dimethyl phthalate	n/a	=	102	%	EPA 625	-88	-88	0.1	112	
2015/16-4	Lab	LCS dup	3/29/2016	Organic	Dimethyl phthalate	n/a	=	26	µg/L	EPA 625	0.18	1			
2015/16-4	Lab	LCS dup, rec	3/29/2016	Organic	Dimethyl phthalate	n/a	=	104	%	EPA 625	-88	-88	0.1	112	
2015/16-4	Lab	LCS, RPD	3/29/2016	Organic	Dimethyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Di-n-butylphthalate	n/a	=	23.8	µg/L	EPA 625	0.24	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Di-n-butylphthalate	n/a	=	95	%	EPA 625	-88	-88	1	118	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Di-n-butylphthalate	n/a	=	24.1	µg/L	EPA 625	0.24	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Di-n-butylphthalate	n/a	=	97	%	EPA 625	-88	-88	1	118	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Di-n-octylphthalate	n/a	=	23.4	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Di-n-octylphthalate	n/a	=	94	%	EPA 625	-88	-88	4	146	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Di-n-octylphthalate	n/a	=	24.2	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Di-n-octylphthalate	n/a	=	97	%	EPA 625	-88	-88	4	146	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Di-n-octylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Fluoranthene	n/a	=	9.37	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Fluoranthene	n/a	=	94	%	EPA 8270C	-88	-88	15	130	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Fluoranthene	n/a	=	8.11	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Fluoranthene	n/a	=	81	%	EPA 8270C	-88	-88	15	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Fluoranthene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Fluoranthene	n/a	=	22.9	µg/L	EPA 625	0.22	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Fluoranthene	n/a	=	92	%	EPA 625	-88	-88	26	137	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Fluoranthene	n/a	=	23.3	µg/L	EPA 625	0.22	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Fluoranthene	n/a	=	93	%	EPA 625	-88	-88	26	137	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	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	
2015/16-4	Lab	LCS	3/26/2016	Organic	Fluoranthene	n/a	=	9.12	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Fluoranthene	n/a	=	91	%	EPA 8270C	-88	-88	22	131	
2015/16-4	Lab	method blank	4/1/2016	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Fluoranthene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Fluoranthene	n/a	=	103	%	EPA 8270C	-88	-88	22	131	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Fluorene	n/a	=	9.06	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Fluorene	n/a	=	91	%	EPA 8270C	-88	-88	22	124	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Fluorene	n/a	=	7.86	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Fluorene	n/a	=	79	%	EPA 8270C	-88	-88	22	124	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Fluorene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Fluorene	n/a	=	22.8	µg/L	EPA 625	0.35	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Fluorene	n/a	=	91	%	EPA 625	-88	-88	59	121	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Fluorene	n/a	=	23	µg/L	EPA 625	0.35	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Fluorene	n/a	=	92	%	EPA 625	-88	-88	59	121	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Fluorene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Fluorene	n/a	=	8.84	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Fluorene	n/a	=	88	%	EPA 8270C	-88	-88	19	122	
2015/16-4	Lab	method blank	4/1/2016	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Fluorene	n/a	=	8.3	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Fluorene	n/a	=	83	%	EPA 8270C	-88	-88	19	122	
2015/16-4	Lab	method blank	3/24/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Hexachlorobenzene	n/a	=	17.4	µg/L	EPA 625	0.49	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Hexachlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	152	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Hexachlorobenzene	n/a	=	17.8	µg/L	EPA 625	0.49	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Hexachlorobenzene	n/a	=	71	%	EPA 625	-88	-88	0.1	152	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Hexachlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Hexachlorobutadiene	n/a	=	18.6	µg/L	EPA 625	0.47	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Hexachlorobutadiene	n/a	=	75	%	EPA 625	-88	-88	24	116	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Hexachlorobutadiene	n/a	=	18.4	µg/L	EPA 625	0.47	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625	-88	-88	24	116	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Hexachlorobutadiene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-4	Lab	LCS	3/24/2016	Organic	Hexachlorocyclopentadiene	n/a	=	11.4	µg/L	EPA 625	1.5	5			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Hexachlorocyclopentadiene	n/a	=	45	%	EPA 625	-88	-88	0.1	81	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Hexachlorocyclopentadiene	n/a	=	11.4	µg/L	EPA 625	1.5	5			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Hexachlorocyclopentadiene	n/a	=	45	%	EPA 625	-88	-88	0.1	81	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Hexachlorocyclopentadiene	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Hexachloroethane	n/a	=	19	µg/L	EPA 625	0.52	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Hexachloroethane	n/a	=	76	%	EPA 625	-88	-88	40	113	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Hexachloroethane	n/a	=	18.9	µg/L	EPA 625	0.52	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Hexachloroethane	n/a	=	76	%	EPA 625	-88	-88	40	113	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Hexachloroethane	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.37	µg/L	EPA 8270C	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	
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	64	%	EPA 8270C	-88	-88	16	127	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.28	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	63	%	EPA 8270C	-88	-88	16	127	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-4	Lab	LCS	3/24/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.9	µg/L	EPA 625	0.12	2			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	80	%	EPA 625	-88	-88	0.1	171	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.7	µg/L	EPA 625	0.12	2			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 625	-88	-88	0.1	171	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.39	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	64	%	EPA 8270C	-88	-88	12	136	
2015/16-4	Lab	method blank	4/1/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7.48	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	75	%	EPA 8270C	-88	-88	12	136	
2015/16-4	Lab	method blank	3/24/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Isophorone	n/a	=	21.6	µg/L	EPA 625	0.21	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Isophorone	n/a	=	86	%	EPA 625	-88	-88	21	196	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Isophorone	n/a	=	22	µg/L	EPA 625	0.21	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Isophorone	n/a	=	88	%	EPA 625	-88	-88	21	196	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Isophorone	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	LCS	3/10/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	48.3	µg/L	EPA 624	0.25	1			
2015/16-4	Lab	LCS, rec	3/10/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	97	%	EPA 624	-88	-88	80	128	
2015/16-4	Lab	LCS dup	3/10/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	49.8	µg/L	EPA 624	0.25	1			
2015/16-4	Lab	LCS dup, rec	3/10/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	100	%	EPA 624	-88	-88	80	128	
2015/16-4	Lab	LCS, RPD	3/10/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	3	%	EPA 624	-88	-88	0	25	
2015/16-4	Lab	method blank	3/10/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Naphthalene	n/a	=	7.62	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Naphthalene	n/a	=	76	%	EPA 8270C	-88	-88	8	116	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Naphthalene	n/a	=	6.8	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Naphthalene	n/a	=	68	%	EPA 8270C	-88	-88	8	116	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Naphthalene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Naphthalene	n/a	=	22.5	µg/L	EPA 625	0.49	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Naphthalene	n/a	=	90	%	EPA 625	-88	-88	21	133	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Naphthalene	n/a	=	22.1	µg/L	EPA 625	0.49	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Naphthalene	n/a	=	88	%	EPA 625	-88	-88	21	133	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Naphthalene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Naphthalene	n/a	=	7.43	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Naphthalene	n/a	=	74	%	EPA 8270C	-88	-88	12	136	
2015/16-4	Lab	method blank	4/1/2016	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Naphthalene	n/a	=	6.96	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Naphthalene	n/a	=	70	%	EPA 8270C	-88	-88	12	136	
2015/16-4	Lab	method blank	3/24/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Nitrobenzene	n/a	=	21.3	µg/L	EPA 625	0.36	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Nitrobenzene	n/a	=	85	%	EPA 625	-88	-88	35	180	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Nitrobenzene	n/a	=	21.9	µg/L	EPA 625	0.36	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Nitrobenzene	n/a	=	88	%	EPA 625	-88	-88	35	180	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Nitrobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-4	000NONPJ	srgt matrix spike	3/26/2016	Organic	Nitrobenzene-d5	n/a	=	4	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike, rec	3/26/2016	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2015/16-4	000NONPJ	srgt matrix spike dup	3/26/2016	Organic	Nitrobenzene-d5	n/a	=	3.5	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike dup, rec	3/26/2016	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2015/16-4	Lab	srgt method blank	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	25.3	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	101	%	EPA 625	-88	-88	27	111	
2015/16-4	Lab	srgt LCS	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625	-88	-88	27	111	
2015/16-4	Lab	srgt LCS dup	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	22.5	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625	-88	-88	27	111	
2015/16-4	Lab	srgt method blank	3/26/2016	Organic	Nitrobenzene-d5	n/a	=	3.58	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/26/2016	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2015/16-4	Lab	srgt LCS	3/26/2016	Organic	Nitrobenzene-d5	n/a	=	3.85	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/26/2016	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2015/16-4	Lab	srgt method blank	3/29/2016	Organic	Nitrobenzene-d5	n/a	=	24.8	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/29/2016	Organic	Nitrobenzene-d5	n/a	=	99	%	EPA 625	-88	-88	27	111	
2015/16-4	Lab	srgt LCS	3/29/2016	Organic	Nitrobenzene-d5	n/a	=	22.5	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/29/2016	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625	-88	-88	27	111	
2015/16-4	Lab	srgt LCS dup	3/29/2016	Organic	Nitrobenzene-d5	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/29/2016	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625	-88	-88	27	111	
2015/16-4	Lab	srgt method blank	4/1/2016	Organic	Nitrobenzene-d5	n/a	=	3.69	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt method blank, rec	4/1/2016	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2015/16-4	Lab	srgt LCS	4/1/2016	Organic	Nitrobenzene-d5	n/a	=	3.83	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt LCS, rec	4/1/2016	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2015/16-4	ME-SCR	srgt environ	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	16.9	µg/L	EPA 625	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	27	111	
2015/16-4	ME-SCR	srgt environ	3/26/2016	Organic	Nitrobenzene-d5	n/a	=	2.28	µg/L	EPA 8270C	-88	-88			GN
2015/16-4	ME-SCR	srgt environ, rec	3/26/2016	Organic	Nitrobenzene-d5	n/a	=	46	%	EPA 8270C	-88	-88	51	143	GN
2015/16-4	ME-VR2	srgt environ	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	27	111	
2015/16-4	ME-VR2	srgt environ	3/27/2016	Organic	Nitrobenzene-d5	n/a	=	3.37	µg/L	EPA 8270C	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/27/2016	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2015/16-4	MO-HUE	srgt environ	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	23.4	µg/L	EPA 625	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625	-88	-88	27	111	
2015/16-4	MO-HUE	srgt environ	3/27/2016	Organic	Nitrobenzene-d5	n/a	=	3.4	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/27/2016	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2015/16-4	MO-MEI	srgt environ	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	22.8	µg/L	EPA 625	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625	-88	-88	27	111	
2015/16-4	MO-MEI	srgt environ	3/27/2016	Organic	Nitrobenzene-d5	n/a	=	3.75	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/27/2016	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2015/16-4	MO-MPK	srgt environ	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	24.2	µg/L	EPA 625	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625	-88	-88	27	111	
2015/16-4	MO-MPK	srgt environ	3/27/2016	Organic	Nitrobenzene-d5	n/a	=	3.7	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	MO-MPK	srgt environ, rec	3/27/2016	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2015/16-4	MO-OJA	srgt environ	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/24/2016	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625	-88	-88	27	111	
2015/16-4	MO-OJA	srgt environ	3/27/2016	Organic	Nitrobenzene-d5	n/a	=	3.65	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/27/2016	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 8270C	-88	-88	51	143	
2015/16-4	Lab	method blank	3/24/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	N-Nitrosodimethylamine	n/a	=	14.6	µg/L	EPA 625	0.14	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	N-Nitrosodimethylamine	n/a	=	58	%	EPA 625	-88	-88	15	59	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	N-Nitrosodimethylamine	n/a	=	15.9	µg/L	EPA 625	0.14	1			EUM
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	N-Nitrosodimethylamine	n/a	=	64	%	EPA 625	-88	-88	15	59	EUM
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	N-Nitrosodimethylamine	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	22.6	µg/L	EPA 625	0.26	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	90	%	EPA 625	-88	-88	0.1	230	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	23	µg/L	EPA 625	0.26	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	92	%	EPA 625	-88	-88	0.1	230	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	N-Nitrosodiphenylamine	n/a	=	17.6	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	N-Nitrosodiphenylamine	n/a	=	70	%	EPA 625	-88	-88	42	90	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	N-Nitrosodiphenylamine	n/a	=	18	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	N-Nitrosodiphenylamine	n/a	=	72	%	EPA 625	-88	-88	42	90	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	N-Nitrosodiphenylamine	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	srgt method blank	3/26/2016	Organic	Perylene-d12	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/26/2016	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	30	118	
2015/16-4	Lab	srgt LCS	3/26/2016	Organic	Perylene-d12	n/a	=	5.77	µg/L	EPA 525.2	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/26/2016	Organic	Perylene-d12	n/a	=	115	%	EPA 525.2	-88	-88	30	118	
2015/16-4	Lab	srgt LCS dup	3/26/2016	Organic	Perylene-d12	n/a	=	5.71	µg/L	EPA 525.2	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/26/2016	Organic	Perylene-d12	n/a	=	114	%	EPA 525.2	-88	-88	30	118	
2015/16-4	ME-SCR	srgt environ	3/26/2016	Organic	Perylene-d12	n/a	=	1.82	µg/L	EPA 525.2	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/26/2016	Organic	Perylene-d12	n/a	=	36	%	EPA 525.2	-88	-88	30	118	
2015/16-4	ME-VR2	srgt environ	3/26/2016	Organic	Perylene-d12	n/a	=	2.2	µg/L	EPA 525.2	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/26/2016	Organic	Perylene-d12	n/a	=	44	%	EPA 525.2	-88	-88	30	118	
2015/16-4	MO-HUE	srgt environ	3/26/2016	Organic	Perylene-d12	n/a	=	2.34	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/26/2016	Organic	Perylene-d12	n/a	=	47	%	EPA 525.2	-88	-88	30	118	
2015/16-4	MO-MEI	srgt environ	3/26/2016	Organic	Perylene-d12	n/a	=	1.74	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/26/2016	Organic	Perylene-d12	n/a	=	35	%	EPA 525.2	-88	-88	30	118	
2015/16-4	MO-MPK	srgt environ	3/26/2016	Organic	Perylene-d12	n/a	=	1.71	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/26/2016	Organic	Perylene-d12	n/a	=	34	%	EPA 525.2	-88	-88	30	118	
2015/16-4	MO-OJA	srgt environ	3/26/2016	Organic	Perylene-d12	n/a	=	2.08	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/26/2016	Organic	Perylene-d12	n/a	=	42	%	EPA 525.2	-88	-88	30	118	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Phenanthrene	n/a	=	8.91	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Phenanthrene	n/a	=	89	%	EPA 8270C	-88	-88	8	145	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Phenanthrene	n/a	=	8.24	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Phenanthrene	n/a	=	82	%	EPA 8270C	-88	-88	8	145	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Phenanthrene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	method blank	3/24/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Phenanthrene	n/a	=	24.1	µg/L	EPA 625	0.32	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Phenanthrene	n/a	=	96	%	EPA 625	-88	-88	54	120	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Phenanthrene	n/a	=	24.6	µg/L	EPA 625	0.32	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Phenanthrene	n/a	=	98	%	EPA 625	-88	-88	54	120	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Phenanthrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Phenanthrene	n/a	=	8.81	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Phenanthrene	n/a	=	88	%	EPA 8270C	-88	-88	21	131	
2015/16-4	Lab	method blank	4/1/2016	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Phenanthrene	n/a	=	11.3	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Phenanthrene	n/a	=	113	%	EPA 8270C	-88	-88	21	131	
2015/16-4	000NONPJ	matrix spike	3/27/2016	Organic	Phenol	n/a	=	4.63	µg/L	EPA 8270C	0.35	1			
2015/16-4	000NONPJ	matrix spike, rec	3/27/2016	Organic	Phenol	n/a	=	46	%	EPA 8270C	-88	-88	5	55	
2015/16-4	000NONPJ	matrix spike dup	3/27/2016	Organic	Phenol	n/a	=	3.97	µg/L	EPA 8270C	0.35	1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/27/2016	Organic	Phenol	n/a	=	40	%	EPA 8270C	-88	-88	5	55	
2015/16-4	000NONPJ	matrix spike, RPD	3/27/2016	Organic	Phenol	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Phenol	n/a	=	8.86	µg/L	EPA 625	0.16	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Phenol	n/a	=	35	%	EPA 625	-88	-88	5	112	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Phenol	n/a	=	9.32	µg/L	EPA 625	0.16	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Phenol	n/a	=	37	%	EPA 625	-88	-88	5	112	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Phenol	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2015/16-4	Lab	LCS	3/27/2016	Organic	Phenol	n/a	=	3.27	µg/L	EPA 8270C	0.35	1			
2015/16-4	Lab	LCS, rec	3/27/2016	Organic	Phenol	n/a	=	33	%	EPA 8270C	-88	-88	6	43	
2015/16-4	000NONPJ	srgt matrix spike	3/27/2016	Organic	Phenol-d5	n/a	=	4.81	µg/L	EPA 8270C	-88	-88			GN
2015/16-4	000NONPJ	srgt matrix spike, rec	3/27/2016	Organic	Phenol-d5	n/a	=	48	%	EPA 8270C	-88	-88	5	46	GN
2015/16-4	000NONPJ	srgt matrix spike dup	3/27/2016	Organic	Phenol-d5	n/a	=	4	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike dup, rec	3/27/2016	Organic	Phenol-d5	n/a	=	40	%	EPA 8270C	-88	-88	5	46	
2015/16-4	Lab	srgt method blank	3/24/2016	Organic	Phenol-d5	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/24/2016	Organic	Phenol-d5	n/a	=	42	%	EPA 625	-88	-88	0.1	53	
2015/16-4	Lab	srgt LCS	3/24/2016	Organic	Phenol-d5	n/a	=	19.9	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/24/2016	Organic	Phenol-d5	n/a	=	40	%	EPA 625	-88	-88	0.1	53	
2015/16-4	Lab	srgt LCS dup	3/24/2016	Organic	Phenol-d5	n/a	=	18.7	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/24/2016	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	0.1	53	
2015/16-4	Lab	srgt method blank	3/27/2016	Organic	Phenol-d5	n/a	=	2.74	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/27/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2015/16-4	Lab	srgt LCS	3/27/2016	Organic	Phenol-d5	n/a	=	3.37	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/27/2016	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2015/16-4	Lab	srgt method blank	3/29/2016	Organic	Phenol-d5	n/a	=	18.6	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/29/2016	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	0.1	53	
2015/16-4	Lab	srgt LCS	3/29/2016	Organic	Phenol-d5	n/a	=	16.3	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/29/2016	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	0.1	53	
2015/16-4	Lab	srgt LCS dup	3/29/2016	Organic	Phenol-d5	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/29/2016	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	0.1	53	
2015/16-4	ME-SCR	srgt environ	3/24/2016	Organic	Phenol-d5	n/a	=	18.4	µg/L	EPA 625	-88	-88			



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	ME-SCR	srgt environ, rec	3/24/2016	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	0.1	53	
2015/16-4	ME-SCR	srgt environ	3/27/2016	Organic	Phenol-d5	n/a	=	2.22	µg/L	EPA 8270C	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/27/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2015/16-4	ME-VR2	srgt environ	3/24/2016	Organic	Phenol-d5	n/a	=	18.1	µg/L	EPA 625	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/24/2016	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	0.1	53	
2015/16-4	ME-VR2	srgt environ	3/27/2016	Organic	Phenol-d5	n/a	=	2.25	µg/L	EPA 8270C	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/27/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2015/16-4	MO-HUE	srgt environ	3/24/2016	Organic	Phenol-d5	n/a	=	22.3	µg/L	EPA 625	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/24/2016	Organic	Phenol-d5	n/a	=	45	%	EPA 625	-88	-88	0.1	53	
2015/16-4	MO-HUE	srgt environ	3/27/2016	Organic	Phenol-d5	n/a	=	2.5	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/27/2016	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2015/16-4	MO-MEI	srgt environ	3/24/2016	Organic	Phenol-d5	n/a	=	20.2	µg/L	EPA 625	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/24/2016	Organic	Phenol-d5	n/a	=	40	%	EPA 625	-88	-88	0.1	53	
2015/16-4	MO-MEI	srgt environ	3/27/2016	Organic	Phenol-d5	n/a	=	2.84	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/27/2016	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2015/16-4	MO-MPK	srgt environ	3/24/2016	Organic	Phenol-d5	n/a	=	20.1	µg/L	EPA 625	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/24/2016	Organic	Phenol-d5	n/a	=	40	%	EPA 625	-88	-88	0.1	53	
2015/16-4	MO-MPK	srgt environ	3/27/2016	Organic	Phenol-d5	n/a	=	2.81	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/27/2016	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2015/16-4	MO-OJA	srgt environ	3/24/2016	Organic	Phenol-d5	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/24/2016	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	0.1	53	
2015/16-4	MO-OJA	srgt environ	3/27/2016	Organic	Phenol-d5	n/a	=	2.4	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/27/2016	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2015/16-4	000NONPJ	srgt matrix spike	3/26/2016	Organic	p-Terphenyl-d14	n/a	=	3.52	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike, rec	3/26/2016	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270C	-88	-88	19	134	
2015/16-4	000NONPJ	srgt matrix spike dup	3/26/2016	Organic	p-Terphenyl-d14	n/a	=	2.75	µg/L	EPA 8270C	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike dup, rec	3/26/2016	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 8270C	-88	-88	19	134	
2015/16-4	Lab	srgt method blank	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	14.1	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	56	%	EPA 625	-88	-88	28	113	
2015/16-4	Lab	srgt LCS	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	12.9	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	28	113	
2015/16-4	Lab	srgt LCS dup	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	12.4	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	50	%	EPA 625	-88	-88	28	113	
2015/16-4	Lab	srgt method blank	3/26/2016	Organic	p-Terphenyl-d14	n/a	=	3.1	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/26/2016	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270C	-88	-88	19	134	
2015/16-4	Lab	srgt LCS	3/26/2016	Organic	p-Terphenyl-d14	n/a	=	3.27	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/26/2016	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270C	-88	-88	19	134	
2015/16-4	Lab	srgt method blank	3/29/2016	Organic	p-Terphenyl-d14	n/a	=	15.4	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/29/2016	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	28	113	
2015/16-4	Lab	srgt LCS	3/29/2016	Organic	p-Terphenyl-d14	n/a	=	13.8	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/29/2016	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 625	-88	-88	28	113	
2015/16-4	Lab	srgt LCS dup	3/29/2016	Organic	p-Terphenyl-d14	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/29/2016	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 625	-88	-88	28	113	
2015/16-4	Lab	srgt method blank	4/1/2016	Organic	p-Terphenyl-d14	n/a	=	3.25	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt method blank, rec	4/1/2016	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270C	-88	-88	19	134	
2015/16-4	Lab	srgt LCS	4/1/2016	Organic	p-Terphenyl-d14	n/a	=	3.73	µg/L	EPA 8270C	-88	-88			
2015/16-4	Lab	srgt LCS, rec	4/1/2016	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 8270C	-88	-88	19	134	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	ME-SCR	srgt environ	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	9.7	µg/L	EPA 625	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	39	%	EPA 625	-88	-88	28	113	
2015/16-4	ME-SCR	srgt environ	3/26/2016	Organic	p-Terphenyl-d14	n/a	=	2.18	µg/L	EPA 8270C	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/26/2016	Organic	p-Terphenyl-d14	n/a	=	44	%	EPA 8270C	-88	-88	19	134	
2015/16-4	ME-VR2	srgt environ	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	10.7	µg/L	EPA 625	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	43	%	EPA 625	-88	-88	28	113	
2015/16-4	ME-VR2	srgt environ	3/27/2016	Organic	p-Terphenyl-d14	n/a	=	2.91	µg/L	EPA 8270C	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/27/2016	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 8270C	-88	-88	19	134	
2015/16-4	MO-HUE	srgt environ	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 625	-88	-88	28	113	
2015/16-4	MO-HUE	srgt environ	3/27/2016	Organic	p-Terphenyl-d14	n/a	=	2.81	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/27/2016	Organic	p-Terphenyl-d14	n/a	=	56	%	EPA 8270C	-88	-88	19	134	
2015/16-4	MO-MEI	srgt environ	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	51	%	EPA 625	-88	-88	28	113	
2015/16-4	MO-MEI	srgt environ	3/27/2016	Organic	p-Terphenyl-d14	n/a	=	3.2	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/27/2016	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 8270C	-88	-88	19	134	
2015/16-4	MO-MPK	srgt environ	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	28	113	
2015/16-4	MO-MPK	srgt environ	3/27/2016	Organic	p-Terphenyl-d14	n/a	=	3.48	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/27/2016	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270C	-88	-88	19	134	
2015/16-4	MO-OJA	srgt environ	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	11.9	µg/L	EPA 625	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/24/2016	Organic	p-Terphenyl-d14	n/a	=	47	%	EPA 625	-88	-88	28	113	
2015/16-4	MO-OJA	srgt environ	3/27/2016	Organic	p-Terphenyl-d14	n/a	=	3.01	µg/L	EPA 8270C	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/27/2016	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 8270C	-88	-88	19	134	
2015/16-4	000NONPJ	matrix spike	3/26/2016	Organic	Pyrene	n/a	=	9.14	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/26/2016	Organic	Pyrene	n/a	=	91	%	EPA 8270C	-88	-88	15	130	
2015/16-4	000NONPJ	matrix spike dup	3/26/2016	Organic	Pyrene	n/a	=	7.91	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/26/2016	Organic	Pyrene	n/a	=	79	%	EPA 8270C	-88	-88	15	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/26/2016	Organic	Pyrene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/24/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-4	Lab	LCS	3/24/2016	Organic	Pyrene	n/a	=	22.1	µg/L	EPA 625	0.25	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Organic	Pyrene	n/a	=	88	%	EPA 625	-88	-88	52	115	
2015/16-4	Lab	LCS dup	3/24/2016	Organic	Pyrene	n/a	=	22.4	µg/L	EPA 625	0.25	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Organic	Pyrene	n/a	=	90	%	EPA 625	-88	-88	52	115	
2015/16-4	Lab	LCS, RPD	3/24/2016	Organic	Pyrene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	3/26/2016	Organic	Pyrene	n/a	=	8.89	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Organic	Pyrene	n/a	=	89	%	EPA 8270C	-88	-88	26	128	
2015/16-4	Lab	method blank	4/1/2016	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS	4/1/2016	Organic	Pyrene	n/a	=	10.2	µg/L	EPA 8270C	0.1	0.1			
2015/16-4	Lab	LCS, rec	4/1/2016	Organic	Pyrene	n/a	=	102	%	EPA 8270C	-88	-88	26	128	
2015/16-4	Lab	srgt method blank	3/14/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0516	µg/L	EPA 608	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/14/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	12	117	
2015/16-4	Lab	srgt LCS	3/14/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0569	µg/L	EPA 608	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/14/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	12	117	
2015/16-4	Lab	srgt LCS dup	3/14/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0559	µg/L	EPA 608	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/14/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	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	
2015/16-4	ME-SCR	srgt environ	3/14/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0243	µg/L	EPA 608	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/14/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	24	%	EPA 608	-88	-88	12	117	
2015/16-4	ME-VR2	srgt environ	3/14/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0403	µg/L	EPA 608	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/14/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	40	%	EPA 608	-88	-88	12	117	
2015/16-4	MO-HUE	srgt environ	3/15/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0547	µg/L	EPA 608	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/15/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608	-88	-88	12	117	
2015/16-4	MO-MEI	srgt environ	3/15/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0413	µg/L	EPA 608	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/15/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	41	%	EPA 608	-88	-88	12	117	
2015/16-4	MO-MPK	srgt environ	3/15/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0389	µg/L	EPA 608	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/15/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	39	%	EPA 608	-88	-88	12	117	
2015/16-4	MO-OJA	srgt environ	3/15/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0511	µg/L	EPA 608	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/15/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608	-88	-88	12	117	
2015/16-4	Lab	srgt LCS	3/10/2016	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/10/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-4	Lab	srgt LCS dup	3/10/2016	Organic	Toluene-d8	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/10/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2015/16-4	Lab	srgt method blank	3/10/2016	Organic	Toluene-d8	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/10/2016	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2015/16-4	ME-SCR	srgt environ	3/10/2016	Organic	Toluene-d8	n/a	=	49	µg/L	EPA 624	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/10/2016	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2015/16-4	ME-VR2	srgt environ	3/10/2016	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/10/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-4	MO-HUE	srgt environ	3/10/2016	Organic	Toluene-d8	n/a	=	48.9	µg/L	EPA 624	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/10/2016	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2015/16-4	MO-MEI	srgt environ	3/10/2016	Organic	Toluene-d8	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/10/2016	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2015/16-4	MO-MPK	srgt environ	3/10/2016	Organic	Toluene-d8	n/a	=	49.1	µg/L	EPA 624	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/10/2016	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2015/16-4	MO-OJA	srgt environ	3/10/2016	Organic	Toluene-d8	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/10/2016	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2015/16-4	000NONPJ	srgt matrix spike	3/19/2016	Organic	Triphenylphosphate	n/a	=	0.554	µg/L	EPA 525.2m	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike, rec	3/19/2016	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	000NONPJ	srgt matrix spike dup	3/19/2016	Organic	Triphenylphosphate	n/a	=	0.68	µg/L	EPA 525.2m	-88	-88			
2015/16-4	000NONPJ	srgt matrix spike dup, rec	3/19/2016	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	Lab	srgt method blank	3/18/2016	Organic	Triphenylphosphate	n/a	=	0.383	µg/L	EPA 525.2m	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/18/2016	Organic	Triphenylphosphate	n/a	=	77	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	Lab	srgt LCS	3/19/2016	Organic	Triphenylphosphate	n/a	=	0.372	µg/L	EPA 525.2m	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/19/2016	Organic	Triphenylphosphate	n/a	=	74	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	Lab	srgt method blank	3/21/2016	Organic	Triphenylphosphate	n/a	=	0.607	µg/L	EPA 525.2m	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/21/2016	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	Lab	srgt LCS	3/21/2016	Organic	Triphenylphosphate	n/a	=	0.569	µg/L	EPA 525.2m	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/21/2016	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	Lab	srgt method blank	3/26/2016	Organic	Triphenylphosphate	n/a	=	6.14	µg/L	EPA 525.2	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/26/2016	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	149	
2015/16-4	Lab	srgt LCS	3/26/2016	Organic	Triphenylphosphate	n/a	=	6.2	µg/L	EPA 525.2	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/26/2016	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	149	
2015/16-4	Lab	srgt LCS dup	3/26/2016	Organic	Triphenylphosphate	n/a	=	5.71	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	
2015/16-4	Lab	srgt LCS dup, rec	3/26/2016	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	149	
2015/16-4	ME-SCR	srgt environ	3/21/2016	Organic	Triphenylphosphate	n/a	=	0.691	µg/L	EPA 525.2m	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/21/2016	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	ME-SCR	srgt environ	3/26/2016	Organic	Triphenylphosphate	n/a	=	6.38	µg/L	EPA 525.2	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/26/2016	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	149	
2015/16-4	ME-VR2	srgt environ	3/19/2016	Organic	Triphenylphosphate	n/a	=	0.408	µg/L	EPA 525.2m	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/19/2016	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	ME-VR2	srgt environ	3/26/2016	Organic	Triphenylphosphate	n/a	=	6.19	µg/L	EPA 525.2	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/26/2016	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	149	
2015/16-4	MO-HUE	srgt environ	3/19/2016	Organic	Triphenylphosphate	n/a	=	0.408	µg/L	EPA 525.2m	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/19/2016	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	MO-HUE	srgt environ	3/26/2016	Organic	Triphenylphosphate	n/a	=	7.22	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/26/2016	Organic	Triphenylphosphate	n/a	=	144	%	EPA 525.2	-88	-88	70	149	
2015/16-4	MO-MEI	srgt environ	3/19/2016	Organic	Triphenylphosphate	n/a	=	0.6	µg/L	EPA 525.2m	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/19/2016	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	MO-MEI	srgt environ	3/26/2016	Organic	Triphenylphosphate	n/a	=	7.02	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/26/2016	Organic	Triphenylphosphate	n/a	=	140	%	EPA 525.2	-88	-88	70	149	
2015/16-4	MO-MPK	srgt environ	3/19/2016	Organic	Triphenylphosphate	n/a	=	0.591	µg/L	EPA 525.2m	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/19/2016	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	MO-MPK	srgt environ	3/26/2016	Organic	Triphenylphosphate	n/a	=	6.96	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/26/2016	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	70	149	
2015/16-4	MO-OJA	srgt environ	3/19/2016	Organic	Triphenylphosphate	n/a	=	0.484	µg/L	EPA 525.2m	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/19/2016	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2m	-88	-88	40	163	
2015/16-4	MO-OJA	srgt environ	3/26/2016	Organic	Triphenylphosphate	n/a	=	6.74	µg/L	EPA 525.2	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/26/2016	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	70	149	
2015/16-4	Lab	srgt method blank	3/14/2016	PCB	PCB 209	n/a	=	0.0704	µg/L	EPA 608	-88	-88			
2015/16-4	Lab	srgt method blank, rec	3/14/2016	PCB	PCB 209	n/a	=	70	%	EPA 608	-88	-88	0.1	118	
2015/16-4	Lab	srgt LCS	3/14/2016	PCB	PCB 209	n/a	=	0.0739	µg/L	EPA 608	-88	-88			
2015/16-4	Lab	srgt LCS, rec	3/14/2016	PCB	PCB 209	n/a	=	74	%	EPA 608	-88	-88	0.1	118	
2015/16-4	Lab	srgt LCS dup	3/14/2016	PCB	PCB 209	n/a	=	0.0723	µg/L	EPA 608	-88	-88			
2015/16-4	Lab	srgt LCS dup, rec	3/14/2016	PCB	PCB 209	n/a	=	72	%	EPA 608	-88	-88	0.1	118	
2015/16-4	ME-SCR	srgt environ	3/14/2016	PCB	PCB 209	n/a	=	0.0107	µg/L	EPA 608	-88	-88			
2015/16-4	ME-SCR	srgt environ, rec	3/14/2016	PCB	PCB 209	n/a	=	11	%	EPA 608	-88	-88	0.1	118	
2015/16-4	ME-VR2	srgt environ	3/14/2016	PCB	PCB 209	n/a	=	0.0449	µg/L	EPA 608	-88	-88			
2015/16-4	ME-VR2	srgt environ, rec	3/14/2016	PCB	PCB 209	n/a	=	45	%	EPA 608	-88	-88	0.1	118	
2015/16-4	MO-HUE	srgt environ	3/15/2016	PCB	PCB 209	n/a	=	0.046	µg/L	EPA 608	-88	-88			
2015/16-4	MO-HUE	srgt environ, rec	3/15/2016	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	118	
2015/16-4	MO-MEI	srgt environ	3/15/2016	PCB	PCB 209	n/a	=	0.0447	µg/L	EPA 608	-88	-88			
2015/16-4	MO-MEI	srgt environ, rec	3/15/2016	PCB	PCB 209	n/a	=	45	%	EPA 608	-88	-88	0.1	118	
2015/16-4	MO-MPK	srgt environ	3/15/2016	PCB	PCB 209	n/a	=	0.043	µg/L	EPA 608	-88	-88			
2015/16-4	MO-MPK	srgt environ, rec	3/15/2016	PCB	PCB 209	n/a	=	43	%	EPA 608	-88	-88	0.1	118	
2015/16-4	MO-OJA	srgt environ	3/15/2016	PCB	PCB 209	n/a	=	0.0514	µg/L	EPA 608	-88	-88			
2015/16-4	MO-OJA	srgt environ, rec	3/15/2016	PCB	PCB 209	n/a	=	51	%	EPA 608	-88	-88	0.1	118	
2015/16-4	Lab	method blank	3/14/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-4	Lab	method blank	3/14/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-4	Lab	method blank	3/14/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-4	Lab	method blank	3/14/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	method blank	3/14/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-4	Lab	method blank	3/14/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-4	Lab	method blank	3/14/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	2,4,5-T	n/a	=	3.62	µg/L	EPA 515.3	0.07	0.2			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	2,4,5-T	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	2,4,5-T	n/a	=	3.56	µg/L	EPA 515.3	0.07	0.2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	2,4,5-T	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	2,4,5-T	n/a	=	3.53	µg/L	EPA 515.3	0.07	0.2			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	2,4,5-T	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	2,4,5-T	n/a	=	3.5	µg/L	EPA 515.3	0.07	0.2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	2,4,5-T	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	2,4,5-T	n/a	=	0.9	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	2,4,5-T	n/a	=	3.67	µg/L	EPA 515.3	0.07	0.2			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	2,4,5-T	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	2,4,5-TP	n/a	=	3.51	µg/L	EPA 515.3	0.09	0.2			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	2,4,5-TP	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	2,4,5-TP	n/a	=	3.42	µg/L	EPA 515.3	0.09	0.2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	2,4,5-TP	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	2,4,5-TP	n/a	=	3.37	µg/L	EPA 515.3	0.09	0.2			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	2,4,5-TP	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	2,4,5-TP	n/a	=	3.43	µg/L	EPA 515.3	0.09	0.2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	2,4,5-TP	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	2,4,5-TP	n/a	=	3.45	µg/L	EPA 515.3	0.09	0.2			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	2,4,5-TP	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	2,4-D	n/a	=	7.73	µg/L	EPA 515.3	0.07	0.4			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	2,4-D	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	2,4-D	n/a	=	7.37	µg/L	EPA 515.3	0.07	0.4			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	2,4-D	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	2,4-D	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	2,4-D	n/a	=	7.14	µg/L	EPA 515.3	0.07	0.4			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	2,4-D	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	2,4-D	n/a	=	7.33	µg/L	EPA 515.3	0.07	0.4			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	2,4-D	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	2,4-D	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	2,4-D	n/a	=	7.96	µg/L	EPA 515.3	0.07	0.4			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	2,4-D	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	2,4-DB	n/a	=	14.3	µg/L	EPA 515.3	0.07	2			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	2,4-DB	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	2,4-DB	n/a	=	14.3	µg/L	EPA 515.3	0.07	2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	2,4-DB	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	2,4-DB	n/a	=	0.2	%	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	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	2,4-DB	n/a	=	14.1	µg/L	EPA 515.3	0.07	2			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	2,4-DB	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	2,4-DB	n/a	=	14.2	µg/L	EPA 515.3	0.07	2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	2,4-DB	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	2,4-DB	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	2,4-DB	n/a	=	14.6	µg/L	EPA 515.3	0.07	2			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	2,4-DB	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.79	µg/L	EPA 515.3	0.09	1			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.68	µg/L	EPA 515.3	0.09	1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.58	µg/L	EPA 515.3	0.09	1			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.74	µg/L	EPA 515.3	0.09	1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.83	µg/L	EPA 515.3	0.09	1			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	4,4'-DDD	n/a	=	0.07	µg/L	EPA 608	0.003	0.05			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	4,4'-DDD	n/a	=	70	%	EPA 608	-88	-88	42	133	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	4,4'-DDD	n/a	=	0.0725	µg/L	EPA 608	0.003	0.05			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	4,4'-DDD	n/a	=	73	%	EPA 608	-88	-88	42	133	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	4,4'-DDD	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	4,4'-DDE	n/a	=	0.0696	µg/L	EPA 608	0.0025	0.05			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	4,4'-DDE	n/a	=	70	%	EPA 608	-88	-88	33	126	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	4,4'-DDE	n/a	=	0.0723	µg/L	EPA 608	0.0025	0.05			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	4,4'-DDE	n/a	=	72	%	EPA 608	-88	-88	33	126	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	4,4'-DDT	n/a	=	0.0743	µg/L	EPA 608	0.0031	0.01			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	4,4'-DDT	n/a	=	74	%	EPA 608	-88	-88	35	147	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	4,4'-DDT	n/a	=	0.0768	µg/L	EPA 608	0.0031	0.01			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	4,4'-DDT	n/a	=	77	%	EPA 608	-88	-88	35	147	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	4,4'-DDT	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Acifluorfen	n/a	=	3.41	µg/L	EPA 515.3	0.06	0.4			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Acifluorfen	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Acifluorfen	n/a	=	3.32	µg/L	EPA 515.3	0.06	0.4			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Acifluorfen	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Acifluorfen	n/a	=	3.35	µg/L	EPA 515.3	0.06	0.4			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Acifluorfen	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Acifluorfen	n/a	=	3.37	µg/L	EPA 515.3	0.06	0.4			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Acifluorfen	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Acifluorfen	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	Acifluorfen	n/a	=	3.44	µg/L	EPA 515.3	0.06	0.4			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	Acifluorfen	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Alachlor	n/a	=	5.05	µg/L	EPA 525.2	0.022	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Alachlor	n/a	=	101	%	EPA 525.2	-88	-88	55	124	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Alachlor	n/a	=	5.07	µg/L	EPA 525.2	0.022	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Alachlor	n/a	=	101	%	EPA 525.2	-88	-88	55	124	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Alachlor	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	Aldrin	n/a	=	0.0641	µg/L	EPA 608	0.0015	0.005			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	Aldrin	n/a	=	64	%	EPA 608	-88	-88	18	117	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	Aldrin	n/a	=	0.0657	µg/L	EPA 608	0.0015	0.005			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	Aldrin	n/a	=	66	%	EPA 608	-88	-88	18	117	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	Aldrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	alpha-BHC	n/a	=	0.0666	µg/L	EPA 608	0.0018	0.01			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	alpha-BHC	n/a	=	67	%	EPA 608	-88	-88	47	119	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	alpha-BHC	n/a	=	0.0704	µg/L	EPA 608	0.0018	0.01			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	alpha-BHC	n/a	=	70	%	EPA 608	-88	-88	47	119	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	alpha-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Atrazine	n/a	=	4.3	µg/L	EPA 525.2	0.034	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Atrazine	n/a	=	86	%	EPA 525.2	-88	-88	67	131	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Atrazine	n/a	=	4.63	µg/L	EPA 525.2	0.034	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Atrazine	n/a	=	93	%	EPA 525.2	-88	-88	67	131	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Atrazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Azinphos methyl	n/a	=	0.028	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Azinphos methyl	n/a	=	56	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Azinphos methyl	n/a	=	0.0332	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Azinphos methyl	n/a	=	66	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Azinphos methyl	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Azinphos methyl	n/a	=	0.0266	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Azinphos methyl	n/a	=	53	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Azinphos methyl	n/a	=	0.0406	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Azinphos methyl	n/a	=	81	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Bentazon	n/a	=	14.2	µg/L	EPA 515.3	0.11	2			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Bentazon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Bentazon	n/a	=	14.1	µg/L	EPA 515.3	0.11	2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Bentazon	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Bentazon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Bentazon	n/a	=	13.9	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	
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Bentazon	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Bentazon	n/a	=	13.9	µg/L	EPA 515.3	0.11	2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Bentazon	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Bentazon	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	Bentazon	n/a	=	14.3	µg/L	EPA 515.3	0.11	2			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	Bentazon	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	beta-BHC	n/a	=	0.0718	µg/L	EPA 608	0.0031	0.005			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	beta-BHC	n/a	=	72	%	EPA 608	-88	-88	53	123	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	beta-BHC	n/a	=	0.0746	µg/L	EPA 608	0.0031	0.005			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	beta-BHC	n/a	=	75	%	EPA 608	-88	-88	53	123	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	beta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Bolstar	n/a	=	0.0358	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Bolstar	n/a	=	72	%	EPA 525.2m	-88	-88	4	184	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Bolstar	n/a	=	0.0351	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Bolstar	n/a	=	70	%	EPA 525.2m	-88	-88	4	184	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Bolstar	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Bolstar	n/a	=	0.0306	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Bolstar	n/a	=	61	%	EPA 525.2m	-88	-88	11	166	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Bolstar	n/a	=	0.0474	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Bolstar	n/a	=	95	%	EPA 525.2m	-88	-88	11	166	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Bromacil	n/a	=	6.32	µg/L	EPA 525.2	0.038	1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Bromacil	n/a	=	126	%	EPA 525.2	-88	-88	62	139	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Bromacil	n/a	=	6.04	µg/L	EPA 525.2	0.038	1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Bromacil	n/a	=	121	%	EPA 525.2	-88	-88	62	139	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Bromacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Butachlor	n/a	=	5.7	µg/L	EPA 525.2	0.017	0.2			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Butachlor	n/a	=	114	%	EPA 525.2	-88	-88	61	127	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Butachlor	n/a	=	5.69	µg/L	EPA 525.2	0.017	0.2			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Butachlor	n/a	=	114	%	EPA 525.2	-88	-88	61	127	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Butachlor	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Captan	n/a	=	6.57	µg/L	EPA 525.2	0.86	1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Captan	n/a	=	131	%	EPA 525.2	-88	-88	14	159	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Captan	n/a	=	6.01	µg/L	EPA 525.2	0.86	1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Captan	n/a	=	120	%	EPA 525.2	-88	-88	14	159	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Captan	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Chloropropham	n/a	=	5.76	µg/L	EPA 525.2	0.01	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Chloropropham	n/a	=	115	%	EPA 525.2	-88	-88	77	143	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Chloropropham	n/a	=	6.07	µg/L	EPA 525.2	0.01	0.1			



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Chloropropham	n/a	=	121	%	EPA 525.2	-88	-88	77	143	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Chloropropham	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Chlorpyrifos	n/a	=	0.0509	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Chlorpyrifos	n/a	=	102	%	EPA 525.2m	-88	-88	37	168	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Chlorpyrifos	n/a	=	0.0307	µg/L	EPA 525.2m	0.0069	0.01			IL
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Chlorpyrifos	n/a	=	61	%	EPA 525.2m	-88	-88	37	168	IL
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Chlorpyrifos	n/a	=	49	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Chlorpyrifos	n/a	=	0.0379	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Chlorpyrifos	n/a	=	76	%	EPA 525.2m	-88	-88	37	169	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Chlorpyrifos	n/a	=	0.0474	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Chlorpyrifos	n/a	=	95	%	EPA 525.2m	-88	-88	37	169	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Coumaphos	n/a	=	0.0354	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Coumaphos	n/a	=	71	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Coumaphos	n/a	=	0.0455	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Coumaphos	n/a	=	91	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Coumaphos	n/a	=	25	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Coumaphos	n/a	=	0.0296	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Coumaphos	n/a	=	59	%	EPA 525.2m	-88	-88	0.1	225	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Coumaphos	n/a	=	0.0549	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Coumaphos	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	225	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Cyanazine	n/a	=	5.49	µg/L	EPA 525.2	0.024	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Cyanazine	n/a	=	110	%	EPA 525.2	-88	-88	61	129	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Cyanazine	n/a	=	4.81	µg/L	EPA 525.2	0.024	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Cyanazine	n/a	=	96	%	EPA 525.2	-88	-88	61	129	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Cyanazine	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Dalapon	n/a	=	7.54	µg/L	EPA 515.3	0.1	0.4			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Dalapon	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Dalapon	n/a	=	7.54	µg/L	EPA 515.3	0.1	0.4			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Dalapon	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Dalapon	n/a	=	0	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Dalapon	n/a	=	6.79	µg/L	EPA 515.3	0.1	0.4			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Dalapon	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Dalapon	n/a	=	7.08	µg/L	EPA 515.3	0.1	0.4			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Dalapon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Dalapon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	Dalapon	n/a	=	7.15	µg/L	EPA 515.3	0.1	0.4			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	Dalapon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.61	µg/L	EPA 515.3	0.07	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.72	µg/L	EPA 515.3	0.07	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	93	%	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	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.39	µg/L	EPA 515.3	0.07	0.1			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.4	µg/L	EPA 515.3	0.07	0.1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.63	µg/L	EPA 515.3	0.07	0.1			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	DCPA (Dacthal)	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	delta-BHC	n/a	=	0.0712	µg/L	EPA 608	0.0025	0.005			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	delta-BHC	n/a	=	71	%	EPA 608	-88	-88	51	123	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	delta-BHC	n/a	=	0.0756	µg/L	EPA 608	0.0025	0.005			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	delta-BHC	n/a	=	76	%	EPA 608	-88	-88	51	123	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	delta-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Demeton-O	n/a	=	0.0664	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Demeton-O	n/a	=	133	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Demeton-O	n/a	=	0.0449	µg/L	EPA 525.2m	0.01	0.01			IL
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Demeton-O	n/a	=	90	%	EPA 525.2m	-88	-88	0.1	208	IL
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Demeton-O	n/a	=	39	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Demeton-O	n/a	=	0.04	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Demeton-O	n/a	=	80	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Demeton-O	n/a	=	0.0447	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Demeton-O	n/a	=	89	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Demeton-S	n/a	=	0.0587	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Demeton-S	n/a	=	117	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Demeton-S	n/a	=	0.0406	µg/L	EPA 525.2m	0.01	0.01			IL
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Demeton-S	n/a	=	81	%	EPA 525.2m	-88	-88	0.1	207	IL
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Demeton-S	n/a	=	36	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Demeton-S	n/a	=	0.0412	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Demeton-S	n/a	=	82	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Demeton-S	n/a	=	0.0514	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Demeton-S	n/a	=	103	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Diazinon	n/a	=	0.08	µg/L	EPA 525.2m	0.0052	0.01			GB
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Diazinon	n/a	=	160	%	EPA 525.2m	-88	-88	36	153	GB
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Diazinon	n/a	=	0.057	µg/L	EPA 525.2m	0.0052	0.01			IL
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Diazinon	n/a	=	114	%	EPA 525.2m	-88	-88	36	153	IL
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Diazinon	n/a	=	34	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Diazinon	n/a	=	0.0432	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Diazinon	n/a	=	86	%	EPA 525.2m	-88	-88	43	152	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Diazinon	n/a	=	0.0521	µg/L	EPA 525.2m	0.0052	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Diazinon	n/a	=	104	%	EPA 525.2m	-88	-88	43	152	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Diazinon	n/a	=	8.29	µg/L	EPA 525.2	0.096	0.1			EUM
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Diazinon	n/a	=	166	%	EPA 525.2	-88	-88	30	120	EUM
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Diazinon	n/a	=	8	µg/L	EPA 525.2	0.096	0.1			EUM
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Diazinon	n/a	=	160	%	EPA 525.2	-88	-88	30	120	EUM
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Diazinon	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Dicamba	n/a	=	6.63	µg/L	EPA 515.3	0.12	0.6			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Dicamba	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Dicamba	n/a	=	6.54	µg/L	EPA 515.3	0.12	0.6			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Dicamba	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Dicamba	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Dicamba	n/a	=	6.41	µg/L	EPA 515.3	0.12	0.6			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Dicamba	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Dicamba	n/a	=	6.51	µg/L	EPA 515.3	0.12	0.6			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Dicamba	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	Dicamba	n/a	=	6.64	µg/L	EPA 515.3	0.12	0.6			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	Dicamba	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Dichlorprop	n/a	=	7.47	µg/L	EPA 515.3	0.08	0.3			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Dichlorprop	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Dichlorprop	n/a	=	7.27	µg/L	EPA 515.3	0.08	0.3			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Dichlorprop	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Dichlorprop	n/a	=	7.16	µg/L	EPA 515.3	0.08	0.3			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Dichlorprop	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Dichlorprop	n/a	=	7.22	µg/L	EPA 515.3	0.08	0.3			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Dichlorprop	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Dichlorprop	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	Dichlorprop	n/a	=	7.4	µg/L	EPA 515.3	0.08	0.3			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	Dichlorprop	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Dichlorvos	n/a	=	0.126	µg/L	EPA 525.2m	0.0029	0.01			GB
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Dichlorvos	n/a	=	138	%	EPA 525.2m	-88	-88	42	137	GB
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Dichlorvos	n/a	=	0.128	µg/L	EPA 525.2m	0.0029	0.01			GB
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Dichlorvos	n/a	=	142	%	EPA 525.2m	-88	-88	42	137	GB
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Dichlorvos	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Dichlorvos	n/a	=	0.048	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Dichlorvos	n/a	=	96	%	EPA 525.2m	-88	-88	46	133	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Dichlorvos	n/a	=	0.0508	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Dichlorvos	n/a	=	102	%	EPA 525.2m	-88	-88	46	133	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	Dieldrin	n/a	=	0.0682	µg/L	EPA 608	0.0021	0.01			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	Dieldrin	n/a	=	68	%	EPA 608	-88	-88	48	123	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	Dieldrin	n/a	=	0.0704	µg/L	EPA 608	0.0021	0.01			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	Dieldrin	n/a	=	70	%	EPA 608	-88	-88	48	123	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	Dieldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Dimethoate	n/a	=	0.0867	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Dimethoate	n/a	=	173	%	EPA 525.2m	-88	-88	4	222	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Dimethoate	n/a	=	0.0734	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Dimethoate	n/a	=	147	%	EPA 525.2m	-88	-88	4	222	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Dimethoate	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Dimethoate	n/a	=	0.0549	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Dimethoate	n/a	=	110	%	EPA 525.2m	-88	-88	10	234	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Dimethoate	n/a	=	0.0828	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Dimethoate	n/a	=	166	%	EPA 525.2m	-88	-88	10	234	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Dimethoate	n/a	=	5.38	µg/L	EPA 525.2	0.024	0.2			EUM
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Dimethoate	n/a	=	108	%	EPA 525.2	-88	-88	38	102	EUM
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Dimethoate	n/a	=	5.41	µg/L	EPA 525.2	0.024	0.2			EUM
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Dimethoate	n/a	=	108	%	EPA 525.2	-88	-88	38	102	EUM
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Dimethoate	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Dinoseb	n/a	=	3.2	µg/L	EPA 515.3	0.14	0.4			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Dinoseb	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Dinoseb	n/a	=	3.19	µg/L	EPA 515.3	0.14	0.4			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Dinoseb	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Dinoseb	n/a	=	0.09	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Dinoseb	n/a	=	3.09	µg/L	EPA 515.3	0.14	0.4			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Dinoseb	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Dinoseb	n/a	=	3.16	µg/L	EPA 515.3	0.14	0.4			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Dinoseb	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	Dinoseb	n/a	=	3.15	µg/L	EPA 515.3	0.14	0.4			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	Dinoseb	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Diphenamid	n/a	=	5.87	µg/L	EPA 525.2	0.024	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Diphenamid	n/a	=	117	%	EPA 525.2	-88	-88	77	124	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Diphenamid	n/a	=	5.38	µg/L	EPA 525.2	0.024	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Diphenamid	n/a	=	108	%	EPA 525.2	-88	-88	77	124	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Diphenamid	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Disulfoton	n/a	=	0.0615	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Disulfoton	n/a	=	123	%	EPA 525.2m	-88	-88	12	199	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Disulfoton	n/a	=	0.0454	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Disulfoton	n/a	=	91	%	EPA 525.2m	-88	-88	12	199	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Disulfoton	n/a	=	30	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Disulfoton	n/a	=	0.0427	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Disulfoton	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	212	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Disulfoton	n/a	=	0.0513	µg/L	EPA 525.2m	0.01	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Disulfoton	n/a	=	103	%	EPA 525.2m	-88	-88	0.1	212	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Disulfoton	n/a	=	1.82	µg/L	EPA 525.2	0.031	0.1			EUM
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Disulfoton	n/a	=	36	%	EPA 525.2	-88	-88	54	156	EUM
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Disulfoton	n/a	=	2.39	µg/L	EPA 525.2	0.031	0.1			EUM
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Disulfoton	n/a	=	48	%	EPA 525.2	-88	-88	54	156	EUM
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Disulfoton	n/a	=	27	%	EPA 525.2	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	Endosulfan I	n/a	=	0.0623	µg/L	EPA 608	0.0017	0.02			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	Endosulfan I	n/a	=	62	%	EPA 608	-88	-88	14	131	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	Endosulfan I	n/a	=	0.065	µg/L	EPA 608	0.0017	0.02			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	Endosulfan I	n/a	=	65	%	EPA 608	-88	-88	14	131	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	Endosulfan II	n/a	=	0.0644	µg/L	EPA 608	0.0019	0.01			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	Endosulfan II	n/a	=	64	%	EPA 608	-88	-88	40	121	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	Endosulfan II	n/a	=	0.0655	µg/L	EPA 608	0.0019	0.01			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	Endosulfan II	n/a	=	66	%	EPA 608	-88	-88	40	121	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	Endosulfan II	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0746	µg/L	EPA 608	0.008	0.05			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	Endosulfan sulfate	n/a	=	75	%	EPA 608	-88	-88	44	140	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0754	µg/L	EPA 608	0.008	0.05			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	Endosulfan sulfate	n/a	=	75	%	EPA 608	-88	-88	44	140	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	Endosulfan sulfate	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	Endrin	n/a	=	0.0695	µg/L	EPA 608	0.0028	0.01			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	Endrin	n/a	=	69	%	EPA 608	-88	-88	40	143	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	Endrin	n/a	=	0.0711	µg/L	EPA 608	0.0028	0.01			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	Endrin	n/a	=	71	%	EPA 608	-88	-88	40	143	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	Endrin	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	Endrin aldehyde	n/a	=	0.0659	µg/L	EPA 608	0.003	0.01			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	Endrin aldehyde	n/a	=	66	%	EPA 608	-88	-88	18	136	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	Endrin aldehyde	n/a	=	0.0682	µg/L	EPA 608	0.003	0.01			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	Endrin aldehyde	n/a	=	68	%	EPA 608	-88	-88	18	136	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	Endrin aldehyde	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	EPTC	n/a	=	4.87	µg/L	EPA 525.2	0.017	1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	EPTC	n/a	=	97	%	EPA 525.2	-88	-88	82	116	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	EPTC	n/a	=	5	µg/L	EPA 525.2	0.017	1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	82	116	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	EPTC	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Ethoprop	n/a	=	0.103	µg/L	EPA 525.2m	0.0067	0.01			GB
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Ethoprop	n/a	=	206	%	EPA 525.2m	-88	-88	51	167	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	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Ethoprop	n/a	=	0.0919	µg/L	EPA 525.2m	0.0067	0.01			GB
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Ethoprop	n/a	=	184	%	EPA 525.2m	-88	-88	51	167	GB
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Ethoprop	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Ethoprop	n/a	=	0.0523	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Ethoprop	n/a	=	105	%	EPA 525.2m	-88	-88	53	163	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Ethoprop	n/a	=	0.0587	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Ethoprop	n/a	=	117	%	EPA 525.2m	-88	-88	53	163	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Ethyl parathion	n/a	=	0.0361	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Ethyl parathion	n/a	=	72	%	EPA 525.2m	-88	-88	5	229	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Ethyl parathion	n/a	=	0.0269	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Ethyl parathion	n/a	=	54	%	EPA 525.2m	-88	-88	5	229	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Ethyl parathion	n/a	=	29	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Ethyl parathion	n/a	=	0.0364	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Ethyl parathion	n/a	=	73	%	EPA 525.2m	-88	-88	7	230	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Ethyl parathion	n/a	=	0.0431	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Ethyl parathion	n/a	=	86	%	EPA 525.2m	-88	-88	7	230	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Fensulfothion	n/a	=	0.0426	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Fensulfothion	n/a	=	85	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Fensulfothion	n/a	=	0.056	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Fensulfothion	n/a	=	112	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Fensulfothion	n/a	=	27	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Fensulfothion	n/a	=	0.0439	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Fensulfothion	n/a	=	88	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Fensulfothion	n/a	=	0.078	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Fensulfothion	n/a	=	156	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Fenthion	n/a	=	0.0722	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Fenthion	n/a	=	144	%	EPA 525.2m	-88	-88	23	169	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Fenthion	n/a	=	0.0424	µg/L	EPA 525.2m	0.0038	0.01			IL
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Fenthion	n/a	=	85	%	EPA 525.2m	-88	-88	23	169	IL
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Fenthion	n/a	=	52	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Fenthion	n/a	=	0.0474	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Fenthion	n/a	=	95	%	EPA 525.2m	-88	-88	20	177	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Fenthion	n/a	=	0.0658	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Fenthion	n/a	=	132	%	EPA 525.2m	-88	-88	20	177	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0668	µg/L	EPA 608	0.0021	0.02			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	67	%	EPA 608	-88	-88	49	117	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0709	µg/L	EPA 608	0.0021	0.02			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	71	%	EPA 608	-88	-88	49	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	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	6	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-4	000NONPJ	matrix spike	3/10/2016	Pesticide	Glyphosate	n/a	=	27	µg/L	EPA 547	1.8	5			
2015/16-4	000NONPJ	matrix spike, rec	3/10/2016	Pesticide	Glyphosate	n/a	=	108	%	EPA 547	-88	-88	41	149	
2015/16-4	000NONPJ	matrix spike dup	3/10/2016	Pesticide	Glyphosate	n/a	=	25.5	µg/L	EPA 547	1.8	5			
2015/16-4	000NONPJ	matrix spike dup, rec	3/10/2016	Pesticide	Glyphosate	n/a	=	102	%	EPA 547	-88	-88	41	149	
2015/16-4	000NONPJ	matrix spike, RPD	3/10/2016	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/21/2016	Pesticide	Glyphosate	n/a	=	18.2	µg/L	EPA 547	1.8	5			
2015/16-4	000NONPJ	matrix spike, rec	3/21/2016	Pesticide	Glyphosate	n/a	=	60	%	EPA 547	-88	-88	41	149	
2015/16-4	000NONPJ	matrix spike dup	3/21/2016	Pesticide	Glyphosate	n/a	=	16.2	µg/L	EPA 547	1.8	5			
2015/16-4	000NONPJ	matrix spike dup, rec	3/21/2016	Pesticide	Glyphosate	n/a	=	52	%	EPA 547	-88	-88	41	149	
2015/16-4	000NONPJ	matrix spike, RPD	3/21/2016	Pesticide	Glyphosate	n/a	=	11	%	EPA 547	-88	-88	0	30	
2015/16-4	Lab	method blank	3/8/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2015/16-4	Lab	LCS	3/8/2016	Pesticide	Glyphosate	n/a	=	24.8	µg/L	EPA 547	1.8	5			
2015/16-4	Lab	LCS, rec	3/8/2016	Pesticide	Glyphosate	n/a	=	99	%	EPA 547	-88	-88	62	130	
2015/16-4	Lab	method blank	3/10/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2015/16-4	Lab	LCS	3/10/2016	Pesticide	Glyphosate	n/a	=	23.2	µg/L	EPA 547	1.8	5			
2015/16-4	Lab	LCS, rec	3/10/2016	Pesticide	Glyphosate	n/a	=	93	%	EPA 547	-88	-88	62	130	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	Heptachlor	n/a	=	0.0639	µg/L	EPA 608	0.0017	0.01			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	Heptachlor	n/a	=	64	%	EPA 608	-88	-88	31	130	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	Heptachlor	n/a	=	0.0668	µg/L	EPA 608	0.0017	0.01			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	Heptachlor	n/a	=	67	%	EPA 608	-88	-88	31	130	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	Heptachlor	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-4	Lab	LCS	3/14/2016	Pesticide	Heptachlor epoxide	n/a	=	0.066	µg/L	EPA 608	0.0019	0.01			
2015/16-4	Lab	LCS, rec	3/14/2016	Pesticide	Heptachlor epoxide	n/a	=	66	%	EPA 608	-88	-88	49	122	
2015/16-4	Lab	LCS dup	3/14/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0676	µg/L	EPA 608	0.0019	0.01			
2015/16-4	Lab	LCS dup, rec	3/14/2016	Pesticide	Heptachlor epoxide	n/a	=	68	%	EPA 608	-88	-88	49	122	
2015/16-4	Lab	LCS, RPD	3/14/2016	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Malathion	n/a	=	0.0833	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Malathion	n/a	=	167	%	EPA 525.2m	-88	-88	6	184	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Malathion	n/a	=	0.0592	µg/L	EPA 525.2m	0.0076	0.01			IL
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Malathion	n/a	=	118	%	EPA 525.2m	-88	-88	6	184	IL
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Malathion	n/a	=	34	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Malathion	n/a	=	0.0411	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Malathion	n/a	=	82	%	EPA 525.2m	-88	-88	14	175	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Malathion	n/a	=	0.054	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Malathion	n/a	=	108	%	EPA 525.2m	-88	-88	14	175	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Merphos	n/a	=	0.0421	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Merphos	n/a	=	84	%	EPA 525.2m	-88	-88	3	210	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Merphos	n/a	=	0.0349	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Merphos	n/a	=	70	%	EPA 525.2m	-88	-88	3	210	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Merphos	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	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	
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Merphos	n/a	=	0.0439	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Merphos	n/a	=	88	%	EPA 525.2m	-88	-88	28	181	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Merphos	n/a	=	0.075	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Merphos	n/a	=	150	%	EPA 525.2m	-88	-88	28	181	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Methyl parathion	n/a	=	0.0447	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Methyl parathion	n/a	=	89	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Methyl parathion	n/a	=	0.0362	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Methyl parathion	n/a	=	72	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Methyl parathion	n/a	=	21	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Methyl parathion	n/a	=	0.0381	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Methyl parathion	n/a	=	76	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Methyl parathion	n/a	=	0.044	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Methyl parathion	n/a	=	88	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Metolachlor	n/a	=	5.23	µg/L	EPA 525.2	0.012	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Metolachlor	n/a	=	105	%	EPA 525.2	-88	-88	61	123	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Metolachlor	n/a	=	5.28	µg/L	EPA 525.2	0.012	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Metolachlor	n/a	=	106	%	EPA 525.2	-88	-88	61	123	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Metolachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Metribuzin	n/a	=	4.93	µg/L	EPA 525.2	0.015	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Metribuzin	n/a	=	99	%	EPA 525.2	-88	-88	50	121	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Metribuzin	n/a	=	5.53	µg/L	EPA 525.2	0.015	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Metribuzin	n/a	=	111	%	EPA 525.2	-88	-88	50	121	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Metribuzin	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Mevinphos	n/a	=	0.0942	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Mevinphos	n/a	=	188	%	EPA 525.2m	-88	-88	25	189	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Mevinphos	n/a	=	0.104	µg/L	EPA 525.2m	0.0042	0.01			GB
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Mevinphos	n/a	=	207	%	EPA 525.2m	-88	-88	25	189	GB
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Mevinphos	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Mevinphos	n/a	=	0.0467	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Mevinphos	n/a	=	93	%	EPA 525.2m	-88	-88	14	202	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Mevinphos	n/a	=	0.0548	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Mevinphos	n/a	=	110	%	EPA 525.2m	-88	-88	14	202	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Molinate	n/a	=	5.16	µg/L	EPA 525.2	0.039	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Molinate	n/a	=	103	%	EPA 525.2	-88	-88	82	117	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Molinate	n/a	=	5.07	µg/L	EPA 525.2	0.039	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Molinate	n/a	=	101	%	EPA 525.2	-88	-88	82	117	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Naled	n/a	=	0.027	µg/L	EPA 525.2m	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	
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Naled	n/a	=	54	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Naled	n/a	=	0.0248	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Naled	n/a	=	50	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Naled	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Naled	n/a	=	0.0246	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Naled	n/a	=	49	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Naled	n/a	=	0.0286	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Naled	n/a	=	57	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	3.33	µg/L	EPA 515.3	0.04	0.2			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	3.29	µg/L	EPA 515.3	0.04	0.2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	3.22	µg/L	EPA 515.3	0.04	0.2			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	3.27	µg/L	EPA 515.3	0.04	0.2			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/27/2016	Pesticide	Pentachlorophenol	n/a	=	8.86	µg/L	EPA 8270C	0.15	1			
2015/16-4	000NONPJ	matrix spike, rec	3/27/2016	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 8270C	-88	-88	7	124	
2015/16-4	000NONPJ	matrix spike dup	3/27/2016	Pesticide	Pentachlorophenol	n/a	=	7.64	µg/L	EPA 8270C	0.15	1			
2015/16-4	000NONPJ	matrix spike dup, rec	3/27/2016	Pesticide	Pentachlorophenol	n/a	=	76	%	EPA 8270C	-88	-88	7	124	
2015/16-4	000NONPJ	matrix spike, RPD	3/27/2016	Pesticide	Pentachlorophenol	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	3.32	µg/L	EPA 515.3	0.04	0.2			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 515.3	-88	-88	70	130	
2015/16-4	Lab	method blank	3/24/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS	3/24/2016	Pesticide	Pentachlorophenol	n/a	=	22	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS, rec	3/24/2016	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 625	-88	-88	14	176	
2015/16-4	Lab	LCS dup	3/24/2016	Pesticide	Pentachlorophenol	n/a	=	22	µg/L	EPA 625	0.19	1			
2015/16-4	Lab	LCS dup, rec	3/24/2016	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 625	-88	-88	14	176	
2015/16-4	Lab	LCS, RPD	3/24/2016	Pesticide	Pentachlorophenol	n/a	=	0.05	%	EPA 625	-88	-88	0	30	
2015/16-4	Lab	method blank	3/27/2016	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2015/16-4	Lab	LCS	3/27/2016	Pesticide	Pentachlorophenol	n/a	=	8.67	µg/L	EPA 8270C	0.15	1			
2015/16-4	Lab	LCS, rec	3/27/2016	Pesticide	Pentachlorophenol	n/a	=	87	%	EPA 8270C	-88	-88	29	106	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Phorate	n/a	=	0.077	µg/L	EPA 525.2m	0.003	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Phorate	n/a	=	154	%	EPA 525.2m	-88	-88	31	181	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Phorate	n/a	=	0.0696	µg/L	EPA 525.2m	0.003	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Phorate	n/a	=	139	%	EPA 525.2m	-88	-88	31	181	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Phorate	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Phorate	n/a	=	0.0465	µg/L	EPA 525.2m	0.003	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Phorate	n/a	=	93	%	EPA 525.2m	-88	-88	26	180	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Phorate	n/a	=	0.0542	µg/L	EPA 525.2m	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	
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Phorate	n/a	=	108	%	EPA 525.2m	-88	-88	26	180	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Picloram	n/a	=	3.51	µg/L	EPA 515.3	0.05	0.6			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Picloram	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Picloram	n/a	=	3.35	µg/L	EPA 515.3	0.05	0.6			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Picloram	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Picloram	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/9/2016	Pesticide	Picloram	n/a	=	3.42	µg/L	EPA 515.3	0.05	0.6			
2015/16-4	000NONPJ	matrix spike, rec	3/9/2016	Pesticide	Picloram	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike dup	3/9/2016	Pesticide	Picloram	n/a	=	3.35	µg/L	EPA 515.3	0.05	0.6			
2015/16-4	000NONPJ	matrix spike dup, rec	3/9/2016	Pesticide	Picloram	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2015/16-4	000NONPJ	matrix spike, RPD	3/9/2016	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-4	Lab	method blank	3/9/2016	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2015/16-4	Lab	LCS	3/9/2016	Pesticide	Picloram	n/a	=	3.5	µg/L	EPA 515.3	0.05	0.6			
2015/16-4	Lab	LCS, rec	3/9/2016	Pesticide	Picloram	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Prometon	n/a	=	4.15	µg/L	EPA 525.2	0.024	0.2			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Prometon	n/a	=	83	%	EPA 525.2	-88	-88	17	101	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Prometon	n/a	=	4.43	µg/L	EPA 525.2	0.024	0.2			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Prometon	n/a	=	89	%	EPA 525.2	-88	-88	17	101	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Prometon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Prometryn	n/a	=	4.79	µg/L	EPA 525.2	0.036	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Prometryn	n/a	=	96	%	EPA 525.2	-88	-88	57	122	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Prometryn	n/a	=	4.94	µg/L	EPA 525.2	0.036	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Prometryn	n/a	=	99	%	EPA 525.2	-88	-88	57	122	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.055	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	110	%	EPA 525.2m	-88	-88	29	153	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0361	µg/L	EPA 525.2m	0.0041	0.01			IL
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	72	%	EPA 525.2m	-88	-88	29	153	IL
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	41	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0437	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	87	%	EPA 525.2m	-88	-88	34	154	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0528	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	106	%	EPA 525.2m	-88	-88	34	154	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Simazine	n/a	=	4.91	µg/L	EPA 525.2	0.015	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Simazine	n/a	=	98	%	EPA 525.2	-88	-88	53	116	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Simazine	n/a	=	5.17	µg/L	EPA 525.2	0.015	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Simazine	n/a	=	103	%	EPA 525.2	-88	-88	53	116	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Simazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0374	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	75	%	EPA 525.2m	-88	-88	0.1	167	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0276	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	55	%	EPA 525.2m	-88	-88	0.1	167	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	30	%	EPA 525.2m	-88	-88	0	30	
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0347	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	69	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0445	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	89	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Terbacil	n/a	=	5.93	µg/L	EPA 525.2	0.55	2			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Terbacil	n/a	=	119	%	EPA 525.2	-88	-88	70	135	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Terbacil	n/a	=	6.03	µg/L	EPA 525.2	0.55	2			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Terbacil	n/a	=	121	%	EPA 525.2	-88	-88	70	135	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Thiobencarb	n/a	=	5.21	µg/L	EPA 525.2	0.025	0.2			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Thiobencarb	n/a	=	104	%	EPA 525.2	-88	-88	56	125	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Thiobencarb	n/a	=	5.36	µg/L	EPA 525.2	0.025	0.2			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Thiobencarb	n/a	=	107	%	EPA 525.2	-88	-88	56	125	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Tokuthion	n/a	=	0.0435	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Tokuthion	n/a	=	87	%	EPA 525.2m	-88	-88	27	160	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Tokuthion	n/a	=	0.027	µg/L	EPA 525.2m	0.0078	0.01			IL
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Tokuthion	n/a	=	54	%	EPA 525.2m	-88	-88	27	160	IL
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Tokuthion	n/a	=	47	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Tokuthion	n/a	=	0.0384	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Tokuthion	n/a	=	77	%	EPA 525.2m	-88	-88	23	159	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Tokuthion	n/a	=	0.0629	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Tokuthion	n/a	=	126	%	EPA 525.2m	-88	-88	23	159	
2015/16-4	Lab	method blank	3/14/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-4	000NONPJ	matrix spike	3/19/2016	Pesticide	Trichloronate	n/a	=	0.0478	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-4	000NONPJ	matrix spike, rec	3/19/2016	Pesticide	Trichloronate	n/a	=	96	%	EPA 525.2m	-88	-88	40	150	
2015/16-4	000NONPJ	matrix spike dup	3/19/2016	Pesticide	Trichloronate	n/a	=	0.0253	µg/L	EPA 525.2m	0.0067	0.01			IL
2015/16-4	000NONPJ	matrix spike dup, rec	3/19/2016	Pesticide	Trichloronate	n/a	=	51	%	EPA 525.2m	-88	-88	40	150	IL
2015/16-4	000NONPJ	matrix spike, RPD	3/19/2016	Pesticide	Trichloronate	n/a	=	61	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-4	Lab	method blank	3/18/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-4	Lab	LCS	3/19/2016	Pesticide	Trichloronate	n/a	=	0.0398	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-4	Lab	LCS, rec	3/19/2016	Pesticide	Trichloronate	n/a	=	80	%	EPA 525.2m	-88	-88	34	153	
2015/16-4	Lab	method blank	3/21/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-4	Lab	LCS	3/21/2016	Pesticide	Trichloronate	n/a	=	0.0479	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-4	Lab	LCS, rec	3/21/2016	Pesticide	Trichloronate	n/a	=	96	%	EPA 525.2m	-88	-88	34	153	
2015/16-4	Lab	method blank	3/26/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-4	Lab	LCS	3/26/2016	Pesticide	Trithion	n/a	=	4.85	µg/L	EPA 525.2	0.012	0.1			
2015/16-4	Lab	LCS, rec	3/26/2016	Pesticide	Trithion	n/a	=	97	%	EPA 525.2	-88	-88	60	124	
2015/16-4	Lab	LCS dup	3/26/2016	Pesticide	Trithion	n/a	=	4.89	µg/L	EPA 525.2	0.012	0.1			
2015/16-4	Lab	LCS dup, rec	3/26/2016	Pesticide	Trithion	n/a	=	98	%	EPA 525.2	-88	-88	60	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	
2015/16-4	Lab	LCS, RPD	3/26/2016	Pesticide	Trithion	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/22/2016	Anion	Chloride	n/a	=	117	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike, rec	6/22/2016	Anion	Chloride	n/a	=	80	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike dup	6/22/2016	Anion	Chloride	n/a	=	118	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/22/2016	Anion	Chloride	n/a	=	82	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike, RPD	6/22/2016	Anion	Chloride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/22/2016	Anion	Chloride	n/a	=	116	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike, rec	6/22/2016	Anion	Chloride	n/a	=	86	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike dup	6/22/2016	Anion	Chloride	n/a	=	116	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/22/2016	Anion	Chloride	n/a	=	86	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike, RPD	6/22/2016	Anion	Chloride	n/a	=	0.03	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/23/2016	Anion	Chloride	n/a	=	139	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike, rec	6/23/2016	Anion	Chloride	n/a	=	115	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike dup	6/23/2016	Anion	Chloride	n/a	=	137	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/23/2016	Anion	Chloride	n/a	=	110	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike, RPD	6/23/2016	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/23/2016	Anion	Chloride	n/a	=	138	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike, rec	6/23/2016	Anion	Chloride	n/a	=	112	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike dup	6/23/2016	Anion	Chloride	n/a	=	135	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/23/2016	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike, RPD	6/23/2016	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Anion	Chloride	n/a	=	60	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Anion	Chloride	n/a	=	84	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Anion	Chloride	n/a	=	61.2	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Anion	Chloride	n/a	=	86	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Anion	Chloride	n/a	=	135	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Anion	Chloride	n/a	=	138	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-5	Lab	method blank	6/22/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS	6/22/2016	Anion	Chloride	n/a	=	3.8	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS, rec	6/22/2016	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	90	110	
2015/16-5	Lab	method blank	6/23/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS	6/23/2016	Anion	Chloride	n/a	=	3.85	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS, rec	6/23/2016	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2015/16-5	Lab	method blank	6/24/2016	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS	6/24/2016	Anion	Chloride	n/a	=	3.86	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS, rec	6/24/2016	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike	6/22/2016	Anion	Fluoride	n/a	=	18.8	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike, rec	6/22/2016	Anion	Fluoride	n/a	=	90	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike dup	6/22/2016	Anion	Fluoride	n/a	=	18.7	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/22/2016	Anion	Fluoride	n/a	=	90	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike, RPD	6/22/2016	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/22/2016	Anion	Fluoride	n/a	=	18.8	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike, rec	6/22/2016	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	86	107	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike dup	6/22/2016	Anion	Fluoride	n/a	=	18.5	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/22/2016	Anion	Fluoride	n/a	=	90	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike, RPD	6/22/2016	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/23/2016	Anion	Fluoride	n/a	=	19	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike, rec	6/23/2016	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike dup	6/23/2016	Anion	Fluoride	n/a	=	19.5	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/23/2016	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike, RPD	6/23/2016	Anion	Fluoride	n/a	=	3	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/23/2016	Anion	Fluoride	n/a	=	18.7	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike, rec	6/23/2016	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike dup	6/23/2016	Anion	Fluoride	n/a	=	18.4	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/23/2016	Anion	Fluoride	n/a	=	89	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike, RPD	6/23/2016	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Anion	Fluoride	n/a	=	18.4	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Anion	Fluoride	n/a	=	18.7	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Anion	Fluoride	n/a	=	19.2	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Anion	Fluoride	n/a	=	18.9	mg/L	EPA 300.0	0.2	1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	86	107	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2015/16-5	Lab	method blank	6/22/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-5	Lab	LCS	6/22/2016	Anion	Fluoride	n/a	=	1.94	mg/L	EPA 300.0	0.02	0.1			
2015/16-5	Lab	LCS, rec	6/22/2016	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2015/16-5	Lab	method blank	6/23/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-5	Lab	LCS	6/23/2016	Anion	Fluoride	n/a	=	1.98	mg/L	EPA 300.0	0.02	0.1			
2015/16-5	Lab	LCS, rec	6/23/2016	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	90	110	
2015/16-5	Lab	method blank	6/24/2016	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-5	Lab	LCS	6/24/2016	Anion	Fluoride	n/a	=	2.02	mg/L	EPA 300.0	0.02	0.1			
2015/16-5	Lab	LCS, rec	6/24/2016	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	6/29/2016	Anion	Perchlorate	n/a	=	7.83	µg/L	EPA 314.0	0.95	2			GB,IL
2015/16-5	000NONPJ	matrix spike dup, rec	6/29/2016	Anion	Perchlorate	n/a	=	78	%	EPA 314.0	-88	-88	80	120	GB,IL
2015/16-5	000NONPJ	matrix spike, RPD	6/29/2016	Anion	Perchlorate	n/a	=	18	%	EPA 314.0	-88	-88	0	15	GB,IL
2015/16-5	000NONPJ	matrix spike	6/30/2016	Anion	Perchlorate	n/a	=	9.38	µg/L	EPA 314.0	0.95	2			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	80	120	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Anion	Perchlorate	n/a	=	9.22	µg/L	EPA 314.0	0.95	2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Anion	Perchlorate	n/a	=	92	%	EPA 314.0	-88	-88	80	120	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Anion	Perchlorate	n/a	=	11.1	µg/L	EPA 314.0	0.95	2			IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Anion	Perchlorate	n/a	=	111	%	EPA 314.0	-88	-88	80	120	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Anion	Perchlorate	n/a	=	18	%	EPA 314.0	-88	-88	0	15	IL
2015/16-5	000NONPJ	matrix spike	7/2/2016	Anion	Perchlorate	n/a	=	13.6	µg/L	EPA 331	0.019	0.1			GB
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Anion	Perchlorate	n/a	=	160	%	EPA 331	-88	-88	80	120	GB
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Anion	Perchlorate	n/a	=	13.6	µg/L	EPA 331	0.019	0.1			GB
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Anion	Perchlorate	n/a	=	160	%	EPA 331	-88	-88	80	120	GB
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Anion	Perchlorate	n/a	=	0	%	EPA 331	-88	-88	0	20	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	method blank	6/29/2016	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2015/16-5	Lab	LCS	6/29/2016	Anion	Perchlorate	n/a	=	9.09	µg/L	EPA 314.0	0.95	2			
2015/16-5	Lab	LCS, rec	6/29/2016	Anion	Perchlorate	n/a	=	91	%	EPA 314.0	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2015/16-5	Lab	LCS	7/1/2016	Anion	Perchlorate	n/a	=	11.2	µg/L	EPA 314.0	0.95	2			
2015/16-5	Lab	LCS, rec	7/1/2016	Anion	Perchlorate	n/a	=	112	%	EPA 314.0	-88	-88	85	115	
2015/16-5	Lab	method blank	7/2/2016	Anion	Perchlorate	n/a	<	0.019	µg/L	EPA 331	0.019	0.1			
2015/16-5	Lab	LCS	7/2/2016	Anion	Perchlorate	n/a	=	0.833	µg/L	EPA 331	0.019	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Anion	Perchlorate	n/a	=	83	%	EPA 331	-88	-88	80	120	
2015/16-5	000NONPJ	matrix spike	6/22/2016	Anion	Sulfate	Total	=	343	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike, rec	6/22/2016	Anion	Sulfate	Total	=	98	%	EPA 300.0	-88	-88	78	111	
2015/16-5	000NONPJ	matrix spike dup	6/22/2016	Anion	Sulfate	Total	=	344	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/22/2016	Anion	Sulfate	Total	=	100	%	EPA 300.0	-88	-88	78	111	
2015/16-5	000NONPJ	matrix spike, RPD	6/22/2016	Anion	Sulfate	Total	=	0.4	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/22/2016	Anion	Sulfate	Total	=	370	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike, rec	6/22/2016	Anion	Sulfate	Total	=	110	%	EPA 300.0	-88	-88	78	111	
2015/16-5	000NONPJ	matrix spike dup	6/22/2016	Anion	Sulfate	Total	=	370	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/22/2016	Anion	Sulfate	Total	=	110	%	EPA 300.0	-88	-88	78	111	
2015/16-5	000NONPJ	matrix spike, RPD	6/22/2016	Anion	Sulfate	Total	=	0.04	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/23/2016	Anion	Sulfate	Total	=	339	mg/L	EPA 300.0	1	5			GB
2015/16-5	000NONPJ	matrix spike, rec	6/23/2016	Anion	Sulfate	Total	=	173	%	EPA 300.0	-88	-88	78	111	GB
2015/16-5	000NONPJ	matrix spike dup	6/23/2016	Anion	Sulfate	Total	=	330	mg/L	EPA 300.0	1	5			GB
2015/16-5	000NONPJ	matrix spike dup, rec	6/23/2016	Anion	Sulfate	Total	=	162	%	EPA 300.0	-88	-88	78	111	GB
2015/16-5	000NONPJ	matrix spike, RPD	6/23/2016	Anion	Sulfate	Total	=	3	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/23/2016	Anion	Sulfate	Total	=	345	mg/L	EPA 300.0	1	5			GB
2015/16-5	000NONPJ	matrix spike, rec	6/23/2016	Anion	Sulfate	Total	=	180	%	EPA 300.0	-88	-88	78	111	GB
2015/16-5	000NONPJ	matrix spike dup	6/23/2016	Anion	Sulfate	Total	=	327	mg/L	EPA 300.0	1	5			GB
2015/16-5	000NONPJ	matrix spike dup, rec	6/23/2016	Anion	Sulfate	Total	=	158	%	EPA 300.0	-88	-88	78	111	GB
2015/16-5	000NONPJ	matrix spike, RPD	6/23/2016	Anion	Sulfate	Total	=	5	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Anion	Sulfate	Total	=	152	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Anion	Sulfate	Total	=	94	%	EPA 300.0	-88	-88	78	111	
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Anion	Sulfate	Total	=	152	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Anion	Sulfate	Total	=	94	%	EPA 300.0	-88	-88	78	111	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Anion	Sulfate	Total	=	0.2	%	EPA 300.0	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Anion	Sulfate	Total	=	297	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	78	111	
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Anion	Sulfate	Total	=	297	mg/L	EPA 300.0	1	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Anion	Sulfate	Total	=	103	%	EPA 300.0	-88	-88	78	111	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Anion	Sulfate	Total	=	0.09	%	EPA 300.0	-88	-88	0	20	
2015/16-5	Lab	method blank	6/22/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS	6/22/2016	Anion	Sulfate	Total	=	7.25	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS, rec	6/22/2016	Anion	Sulfate	Total	=	91	%	EPA 300.0	-88	-88	90	110	
2015/16-5	Lab	method blank	6/23/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS	6/23/2016	Anion	Sulfate	Total	=	7.57	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS, rec	6/23/2016	Anion	Sulfate	Total	=	95	%	EPA 300.0	-88	-88	90	110	
2015/16-5	Lab	method blank	6/24/2016	Anion	Sulfate	Total	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2015/16-5	Lab	LCS	6/24/2016	Anion	Sulfate	Total	=	8.16	mg/L	EPA 300.0	0.1	0.5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS, rec	6/24/2016	Anion	Sulfate	Total	=	102	%	EPA 300.0	-88	-88	90	110	
2015/16-5	ME-CC	field duplicate	6/24/2016	Bacteriological	E. Coli	n/a	=	98	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2015/16-5	ME-CC	field duplicate	6/24/2016	Bacteriological	Enterococcus	n/a	=	108	MPN/100 mL	Enterolert	10	10	-88	-88	
2015/16-5	ME-CC	field duplicate	6/27/2016	Bacteriological	Fecal Coliform	n/a	=	540	MPN/100 mL	SM 9221 E	2	2	-88	-88	
2015/16-5	ME-CC	field duplicate	6/24/2016	Bacteriological	Total Coliform	n/a	=	92080	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Cation	Calcium	Total	=	156	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Cation	Calcium	Total	=	159	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Cation	Calcium	Total	=	243	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Cation	Calcium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Cation	Calcium	Total	=	248	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Cation	Calcium	Total	=	123	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Cation	Calcium	Total	=	461	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Cation	Calcium	Total	=	452	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Cation	Calcium	Total	=	75	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Cation	Calcium	Total	=	134	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Cation	Calcium	Total	=	84	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Cation	Calcium	Total	=	136	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Cation	Calcium	Total	=	88	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	Lab	LCS	6/27/2016	Cation	Calcium	Total	=	46.6	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	Lab	LCS, rec	6/27/2016	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Cation	Calcium	Total	DNQ	0.0441	mg/L	EPA 200.7	0.016	0.1			IP
2015/16-5	Lab	LCS	7/14/2016	Cation	Calcium	Total	=	47.7	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	Lab	LCS, rec	7/14/2016	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	Lab	LCS	7/14/2016	Cation	Calcium	Total	=	48.4	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	Lab	LCS, rec	7/14/2016	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2015/16-5	MO-THO	matrix spike	7/14/2016	Cation	Calcium	Total	=	93.9	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	MO-THO	matrix spike, rec	7/14/2016	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2015/16-5	MO-THO	matrix spike dup	7/14/2016	Cation	Calcium	Total	=	94.2	mg/L	EPA 200.7	0.016	0.1			
2015/16-5	MO-THO	matrix spike dup, rec	7/14/2016	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2015/16-5	MO-THO	matrix spike, RPD	7/14/2016	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Cation	Magnesium	Total	=	96.9	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Cation	Magnesium	Total	=	98.5	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Cation	Magnesium	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Cation	Magnesium	Total	=	171	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Cation	Magnesium	Total	=	118	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Cation	Magnesium	Total	=	175	mg/L	EPA 200.7	0.012	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Cation	Magnesium	Total	=	127	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Cation	Magnesium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Cation	Magnesium	Total	=	208	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Cation	Magnesium	Total	=	113	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Cation	Magnesium	Total	=	205	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Cation	Magnesium	Total	=	76	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Cation	Magnesium	Total	=	77.4	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	Lab	LCS	6/27/2016	Cation	Magnesium	Total	=	50.3	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	Lab	LCS, rec	6/27/2016	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	Lab	LCS	7/14/2016	Cation	Magnesium	Total	=	51.2	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	Lab	LCS, rec	7/14/2016	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	Lab	LCS	7/14/2016	Cation	Magnesium	Total	=	52.5	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	Lab	LCS, rec	7/14/2016	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2015/16-5	MO-THO	matrix spike	7/14/2016	Cation	Magnesium	Total	=	80.2	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	MO-THO	matrix spike, rec	7/14/2016	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-5	MO-THO	matrix spike dup	7/14/2016	Cation	Magnesium	Total	=	80.5	mg/L	EPA 200.7	0.012	0.1			
2015/16-5	MO-THO	matrix spike dup, rec	7/14/2016	Cation	Magnesium	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2015/16-5	MO-THO	matrix spike, RPD	7/14/2016	Cation	Magnesium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Cation	Potassium	Total	=	58.9	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Cation	Potassium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Cation	Potassium	Total	=	59.2	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Cation	Potassium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Cation	Potassium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Cation	Potassium	Total	=	67.9	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Cation	Potassium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Cation	Potassium	Total	=	70.2	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Cation	Potassium	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Cation	Potassium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Cation	Potassium	Total	=	70	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Cation	Potassium	Total	=	122	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Cation	Potassium	Total	=	69.9	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Cation	Potassium	Total	=	121	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Cation	Potassium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Cation	Potassium	Total	=	56.5	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Cation	Potassium	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Cation	Potassium	Total	=	57.1	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Cation	Potassium	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Cation	Potassium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	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	
2015/16-5	Lab	LCS	6/27/2016	Cation	Potassium	Total	=	49.6	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	Lab	LCS, rec	6/27/2016	Cation	Potassium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	Lab	LCS	7/14/2016	Cation	Potassium	Total	=	51.4	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	Lab	LCS, rec	7/14/2016	Cation	Potassium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Cation	Potassium	Total	<	0.081	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	Lab	LCS	7/14/2016	Cation	Potassium	Total	=	52.6	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	Lab	LCS, rec	7/14/2016	Cation	Potassium	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2015/16-5	MO-THO	matrix spike	7/14/2016	Cation	Potassium	Total	=	74.7	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	MO-THO	matrix spike, rec	7/14/2016	Cation	Potassium	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2015/16-5	MO-THO	matrix spike dup	7/14/2016	Cation	Potassium	Total	=	75	mg/L	EPA 200.7	0.081	0.1			
2015/16-5	MO-THO	matrix spike dup, rec	7/14/2016	Cation	Potassium	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2015/16-5	MO-THO	matrix spike, RPD	7/14/2016	Cation	Potassium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Cation	Sodium	Total	=	581	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Cation	Sodium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Cation	Sodium	Total	=	571	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Cation	Sodium	Total	=	84	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Cation	Sodium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Cation	Sodium	Total	=	75.5	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Cation	Sodium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Cation	Sodium	Total	=	76.4	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Cation	Sodium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Cation	Sodium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Cation	Sodium	Total	=	299	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Cation	Sodium	Total	=	86	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Cation	Sodium	Total	=	310	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Cation	Sodium	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Cation	Sodium	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Cation	Sodium	Total	=	500	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Cation	Sodium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Cation	Sodium	Total	=	497	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Cation	Sodium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Cation	Sodium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2015/16-5	Lab	method blank	7/14/2016	Cation	Sodium	Total	DNQ	0.0224	mg/L	EPA 200.7	0.015	0.5			IP
2015/16-5	Lab	LCS	7/14/2016	Cation	Sodium	Total	=	50.3	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	Lab	LCS, rec	7/14/2016	Cation	Sodium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Cation	Sodium	Total	DNQ	0.0208	mg/L	EPA 200.7	0.015	0.5			IP
2015/16-5	Lab	LCS	7/14/2016	Cation	Sodium	Total	=	51.3	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	Lab	LCS, rec	7/14/2016	Cation	Sodium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Cation	Sodium	Total	<	0.015	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	Lab	LCS	7/14/2016	Cation	Sodium	Total	=	55	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	Lab	LCS, rec	7/14/2016	Cation	Sodium	Total	=	110	%	EPA 200.7	-88	-88	85	115	
2015/16-5	MO-THO	matrix spike	7/14/2016	Cation	Sodium	Total	=	207	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	MO-THO	matrix spike, rec	7/14/2016	Cation	Sodium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2015/16-5	MO-THO	matrix spike dup	7/14/2016	Cation	Sodium	Total	=	208	mg/L	EPA 200.7	0.015	0.5			
2015/16-5	MO-THO	matrix spike dup, rec	7/14/2016	Cation	Sodium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2015/16-5	MO-THO	matrix spike, RPD	7/14/2016	Cation	Sodium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	lab duplicate	6/16/2016	Conventional	Alkalinity as CaCO3	n/a	=	175	mg/L	SM 2320 B	0.56	5		15	
2015/16-5	000NONPJ	lab duplicate	6/22/2016	Conventional	Alkalinity as CaCO3	n/a	=	178	mg/L	SM 2320 B	0.56	10		15	
2015/16-5	000NONPJ	lab duplicate	6/24/2016	Conventional	Alkalinity as CaCO3	n/a	=	167	mg/L	SM 2320 B	0.56	2		15	
2015/16-5	Lab	LCS	6/16/2016	Conventional	Alkalinity as CaCO3	n/a	=	255	mg/L	SM 2320 B	0.56	5			
2015/16-5	Lab	LCS, rec	6/16/2016	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2015/16-5	Lab	method blank	6/16/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	2.27	mg/L	SM 2320 B	0.56	5			IP
2015/16-5	Lab	LCS	6/22/2016	Conventional	Alkalinity as CaCO3	n/a	=	252	mg/L	SM 2320 B	0.56	10			
2015/16-5	Lab	LCS, rec	6/22/2016	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2015/16-5	Lab	method blank	6/22/2016	Conventional	Alkalinity as CaCO3	n/a	DNQ	2.45	mg/L	SM 2320 B	0.56	10			IP
2015/16-5	Lab	LCS	6/24/2016	Conventional	Alkalinity as CaCO3	n/a	=	248	mg/L	SM 2320 B	0.56	2			
2015/16-5	Lab	LCS, rec	6/24/2016	Conventional	Alkalinity as CaCO3	n/a	=	99	%	SM 2320 B	-88	-88	94	108	
2015/16-5	Lab	method blank	6/24/2016	Conventional	Alkalinity as CaCO3	n/a	=	2.39	mg/L	SM 2320 B	0.56	2			IP
2015/16-5	000NONPJ	lab duplicate	6/21/2016	Conventional	BOD	n/a	=	632	mg/L	SM 5210 B	2	2		15	
2015/16-5	000NONPJ	lab duplicate	6/29/2016	Conventional	BOD	n/a	=	2000	mg/L	SM 5210 B	2	2		15	
2015/16-5	Lab	LCS	6/21/2016	Conventional	BOD	n/a	=	211	mg/L	SM 5210 B	2	2			
2015/16-5	Lab	LCS, rec	6/21/2016	Conventional	BOD	n/a	=	107	%	SM 5210 B	-88	-88	85	115	
2015/16-5	Lab	LCS	6/27/2016	Conventional	BOD	n/a	=	183	mg/L	SM 5210 B	2	2			
2015/16-5	Lab	LCS, rec	6/27/2016	Conventional	BOD	n/a	=	92	%	SM 5210 B	-88	-88	85	115	
2015/16-5	Lab	LCS	6/29/2016	Conventional	BOD	n/a	=	174	mg/L	SM 5210 B	2	2			
2015/16-5	Lab	LCS, rec	6/29/2016	Conventional	BOD	n/a	=	88	%	SM 5210 B	-88	-88	85	115	
2015/16-5	MO-FIL	lab duplicate	6/27/2016	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		15	
2015/16-5	000NONPJ	lab duplicate	6/28/2016	Conventional	COD	n/a	=	3200	mg/L	EPA 410.4	7.3	50		15	
2015/16-5	000NONPJ	matrix spike	6/28/2016	Conventional	COD	n/a	=	192	mg/L	EPA 410.4	1.5	10			
2015/16-5	000NONPJ	matrix spike dup	6/28/2016	Conventional	COD	n/a	=	190	mg/L	EPA 410.4	1.5	10			
2015/16-5	000NONPJ	matrix spike dup, rec	6/28/2016	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, rec	6/28/2016	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/28/2016	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2015/16-5	000NONPJ	lab duplicate	7/1/2016	Conventional	COD	n/a	=	367	mg/L	EPA 410.4	1.5	10		15	
2015/16-5	000NONPJ	lab duplicate	7/6/2016	Conventional	COD	n/a	=	1560	mg/L	EPA 410.4	7.3	50		15	
2015/16-5	Lab	LCS	6/28/2016	Conventional	COD	n/a	=	94.2	mg/L	EPA 410.4	0.73	5			
2015/16-5	Lab	LCS, rec	6/28/2016	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2015/16-5	Lab	method blank	6/28/2016	Conventional	COD	n/a	DNQ	1.34	mg/L	EPA 410.4	0.73	5			IP
2015/16-5	Lab	LCS	7/1/2016	Conventional	COD	n/a	=	107	mg/L	EPA 410.4	0.73	5			
2015/16-5	Lab	LCS, rec	7/1/2016	Conventional	COD	n/a	=	107	%	EPA 410.4	-88	-88	90	110	
2015/16-5	Lab	method blank	7/1/2016	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2015/16-5	Lab	LCS	7/6/2016	Conventional	COD	n/a	=	94.9	mg/L	EPA 410.4	0.73	5			
2015/16-5	Lab	LCS, rec	7/6/2016	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2015/16-5	Lab	method blank	7/6/2016	Conventional	COD	n/a	DNQ	3.27	mg/L	EPA 410.4	0.73	5			IP
2015/16-5	ME-SCR	matrix spike	7/1/2016	Conventional	COD	n/a	=	214	mg/L	EPA 410.4	1.5	10			
2015/16-5	ME-SCR	matrix spike dup	7/1/2016	Conventional	COD	n/a	=	213	mg/L	EPA 410.4	1.5	10			
2015/16-5	ME-SCR	matrix spike dup, rec	7/1/2016	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2015/16-5	ME-SCR	matrix spike, rec	7/1/2016	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2015/16-5	ME-SCR	matrix spike, RPD	7/1/2016	Conventional	COD	n/a	=	0.7	%	EPA 410.4	-88	-88	0	15	
2015/16-5	ME-VR2	matrix spike	6/28/2016	Conventional	COD	n/a	=	195	mg/L	EPA 410.4	1.5	10			
2015/16-5	ME-VR2	matrix spike dup	6/28/2016	Conventional	COD	n/a	=	196	mg/L	EPA 410.4	1.5	10			
2015/16-5	ME-VR2	matrix spike dup, rec	6/28/2016	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2015/16-5	ME-VR2	matrix spike, rec	6/28/2016	Conventional	COD	n/a	=	94	%	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	
2015/16-5	ME-VR2	matrix spike, RPD	6/28/2016	Conventional	COD	n/a	=	0.07	%	EPA 410.4	-88	-88	0	15	
2015/16-5	MO-SIM	matrix spike	7/6/2016	Conventional	COD	n/a	=	211	mg/L	EPA 410.4	1.5	10			
2015/16-5	MO-SIM	matrix spike dup	7/6/2016	Conventional	COD	n/a	=	203	mg/L	EPA 410.4	1.5	10			
2015/16-5	MO-SIM	matrix spike dup, rec	7/6/2016	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2015/16-5	MO-SIM	matrix spike, rec	7/6/2016	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2015/16-5	MO-SIM	matrix spike, RPD	7/6/2016	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	
2015/16-5	MO-THO	matrix spike	7/6/2016	Conventional	COD	n/a	=	209	mg/L	EPA 410.4	1.5	10			
2015/16-5	MO-THO	matrix spike dup	7/6/2016	Conventional	COD	n/a	=	207	mg/L	EPA 410.4	1.5	10			
2015/16-5	MO-THO	matrix spike dup, rec	7/6/2016	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2015/16-5	MO-THO	matrix spike, rec	7/6/2016	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2015/16-5	MO-THO	matrix spike, RPD	7/6/2016	Conventional	COD	n/a	=	0.9	%	EPA 410.4	-88	-88	0	15	
2015/16-5	Lab	LCS	6/29/2016	Conventional	Cyanide	Total	=	0.0517	mg/L	ASTM D7511	0.0005	0.002			
2015/16-5	Lab	LCS, rec	6/29/2016	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	84	116	
2015/16-5	Lab	method blank	6/29/2016	Conventional	Cyanide	Total	DNQ	0.0016	mg/L	ASTM D7511	0.0005	0.002			IP
2015/16-5	Lab	LCS	7/7/2016	Conventional	Cyanide	Total	=	0.0536	mg/L	ASTM D7511	0.0005	0.002			
2015/16-5	Lab	LCS, rec	7/7/2016	Conventional	Cyanide	Total	=	107	%	ASTM D7511	-88	-88	84	116	
2015/16-5	Lab	method blank	7/7/2016	Conventional	Cyanide	Total	<	0.0005	mg/L	ASTM D7511	0.0005	0.002			
2015/16-5	ME-CC	field duplicate	7/7/2016	Conventional	Cyanide	Total	DNQ	0.0007	mg/L	ASTM D7511	0.0005	0.002			
2015/16-5	ME-CC	matrix spike	7/7/2016	Conventional	Cyanide	Total	=	0.0518	mg/L	ASTM D7511	0.0005	0.002			
2015/16-5	ME-CC	matrix spike dup	7/7/2016	Conventional	Cyanide	Total	=	0.0499	mg/L	ASTM D7511	0.0005	0.002			
2015/16-5	ME-CC	matrix spike dup, rec	7/7/2016	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2015/16-5	ME-CC	matrix spike, rec	7/7/2016	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2015/16-5	ME-CC	matrix spike, RPD	7/7/2016	Conventional	Cyanide	Total	=	4	%	ASTM D7511	-88	-88	0	47	
2015/16-5	MO-FIL	matrix spike	6/29/2016	Conventional	Cyanide	Total	=	0.0517	mg/L	ASTM D7511	0.0005	0.002			
2015/16-5	MO-FIL	matrix spike dup	6/29/2016	Conventional	Cyanide	Total	=	0.0517	mg/L	ASTM D7511	0.0005	0.002			
2015/16-5	MO-FIL	matrix spike dup, rec	6/29/2016	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2015/16-5	MO-FIL	matrix spike, rec	6/29/2016	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2015/16-5	MO-FIL	matrix spike, RPD	6/29/2016	Conventional	Cyanide	Total	=	0.06	%	ASTM D7511	-88	-88	0	47	
2015/16-5	Lab	LCS	6/21/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.06	mg/L	SM 5310 C	0.5	0.5			
2015/16-5	Lab	LCS dup	6/21/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.06	mg/L	SM 5310 C	0.5	0.5			
2015/16-5	Lab	LCS dup, rec	6/21/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	101	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	LCS, rec	6/21/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	101	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	LCS, RPD	6/21/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	0.03	%	SM 5310 C	-88	-88	0	20	
2015/16-5	Lab	method blank	6/21/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2015/16-5	Lab	LCS	6/23/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.07	mg/L	SM 5310 C	0.5	0.5			
2015/16-5	Lab	LCS dup	6/23/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.21	mg/L	SM 5310 C	0.5	0.5			
2015/16-5	Lab	LCS dup, rec	6/23/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	104	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	LCS, rec	6/23/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	101	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	LCS, RPD	6/23/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	3	%	SM 5310 C	-88	-88	0	20	
2015/16-5	Lab	method blank	6/23/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2015/16-5	Lab	LCS	7/6/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	4.96	mg/L	SM 5310 C	0.5	0.5			
2015/16-5	Lab	LCS dup	7/6/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5.22	mg/L	SM 5310 C	0.5	0.5			
2015/16-5	Lab	LCS dup, rec	7/6/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	104	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	LCS, rec	7/6/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	99	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	LCS, RPD	7/6/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	=	5	%	SM 5310 C	-88	-88	0	20	
2015/16-5	Lab	method blank	7/6/2016	Conventional	Dissolved Inorganic Carbon	Dissolved	<	0.5	mg/L	SM 5310 C	0.5	0.5			
2015/16-5	Lab	LCS	6/22/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	5	mg/L	SM 5310 C	0.013	0.3			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS dup	6/22/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	5.01	mg/L	SM 5310 C	0.013	0.3			
2015/16-5	Lab	LCS dup, rec	6/22/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	100	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	LCS, rec	6/22/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	100	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	LCS, RPD	6/22/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	0.1	%	SM 5310 C	-88	-88	0	20	
2015/16-5	Lab	method blank	6/22/2016	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0412	mg/L	SM 5310 C	0.013	0.3			IP
2015/16-5	Lab	LCS	7/5/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	5.05	mg/L	SM 5310 C	0.013	0.3			
2015/16-5	Lab	LCS dup	7/5/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	4.82	mg/L	SM 5310 C	0.013	0.3			
2015/16-5	Lab	LCS dup, rec	7/5/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	96	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	LCS, rec	7/5/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	101	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	LCS, RPD	7/5/2016	Conventional	Dissolved Organic Carbon	Dissolved	=	5	%	SM 5310 C	-88	-88	0	20	
2015/16-5	Lab	method blank	7/5/2016	Conventional	Dissolved Organic Carbon	Dissolved	DNQ	0.0618	mg/L	SM 5310 C	0.013	0.3			IP
2015/16-5	000NONPJ	matrix spike	6/16/2016	Conventional	MBAS	n/a	=	0.19	mg/L	SM 5540 C	0.019	0.05			
2015/16-5	000NONPJ	matrix spike dup	6/16/2016	Conventional	MBAS	n/a	=	0.182	mg/L	SM 5540 C	0.019	0.05			
2015/16-5	000NONPJ	matrix spike dup, rec	6/16/2016	Conventional	MBAS	n/a	=	80	%	SM 5540 C	-88	-88	74	123	
2015/16-5	000NONPJ	matrix spike, rec	6/16/2016	Conventional	MBAS	n/a	=	84	%	SM 5540 C	-88	-88	74	123	
2015/16-5	000NONPJ	matrix spike, RPD	6/16/2016	Conventional	MBAS	n/a	=	5	%	SM 5540 C	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/21/2016	Conventional	MBAS	n/a	=	0.174	mg/L	SM 5540 C	0.019	0.05			
2015/16-5	000NONPJ	matrix spike dup	6/21/2016	Conventional	MBAS	n/a	=	0.174	mg/L	SM 5540 C	0.019	0.05			
2015/16-5	000NONPJ	matrix spike dup, rec	6/21/2016	Conventional	MBAS	n/a	=	75	%	SM 5540 C	-88	-88	74	123	
2015/16-5	000NONPJ	matrix spike, rec	6/21/2016	Conventional	MBAS	n/a	=	75	%	SM 5540 C	-88	-88	74	123	
2015/16-5	000NONPJ	matrix spike, RPD	6/21/2016	Conventional	MBAS	n/a	=	0.2	%	SM 5540 C	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Conventional	MBAS	n/a	=	0.172	mg/L	SM 5540 C	0.019	0.05			
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Conventional	MBAS	n/a	=	0.172	mg/L	SM 5540 C	0.019	0.05			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Conventional	MBAS	n/a	=	86	%	SM 5540 C	-88	-88	74	123	
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Conventional	MBAS	n/a	=	86	%	SM 5540 C	-88	-88	74	123	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Conventional	MBAS	n/a	=	0.09	%	SM 5540 C	-88	-88	0	20	
2015/16-5	Lab	LCS	6/16/2016	Conventional	MBAS	n/a	=	0.186	mg/L	SM 5540 C	0.019	0.05			
2015/16-5	Lab	LCS, rec	6/16/2016	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	82	115	
2015/16-5	Lab	method blank	6/16/2016	Conventional	MBAS	n/a	DNQ	0.0252	mg/L	SM 5540 C	0.019	0.05			IP
2015/16-5	Lab	LCS	6/21/2016	Conventional	MBAS	n/a	=	0.187	mg/L	SM 5540 C	0.019	0.05			
2015/16-5	Lab	LCS, rec	6/21/2016	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	82	115	
2015/16-5	Lab	method blank	6/21/2016	Conventional	MBAS	n/a	DNQ	0.0218	mg/L	SM 5540 C	0.019	0.05			IP
2015/16-5	Lab	LCS	6/24/2016	Conventional	MBAS	n/a	=	0.182	mg/L	SM 5540 C	0.019	0.05			
2015/16-5	Lab	LCS, rec	6/24/2016	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	82	115	
2015/16-5	Lab	method blank	6/24/2016	Conventional	MBAS	n/a	DNQ	0.0231	mg/L	SM 5540 C	0.019	0.05			IP
2015/16-5	Lab	method blank	6/28/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2015/16-5	Lab	LCS	6/28/2016	Conventional	Phenolics	n/a	=	0.1	mg/L	EPA 420.4	0.0042	0.01			
2015/16-5	Lab	LCS, rec	6/28/2016	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2015/16-5	Lab	method blank	7/1/2016	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2015/16-5	Lab	LCS	7/1/2016	Conventional	Phenolics	n/a	=	0.105	mg/L	EPA 420.4	0.0042	0.01			
2015/16-5	Lab	LCS, rec	7/1/2016	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2015/16-5	ME-CC	matrix spike	7/1/2016	Conventional	Phenolics	n/a	=	0.269	mg/L	EPA 420.4	0.0042	0.01			
2015/16-5	ME-CC	matrix spike, rec	7/1/2016	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2015/16-5	ME-CC	matrix spike dup	7/1/2016	Conventional	Phenolics	n/a	=	0.272	mg/L	EPA 420.4	0.0042	0.01			
2015/16-5	ME-CC	matrix spike dup, rec	7/1/2016	Conventional	Phenolics	n/a	=	106	%	EPA 420.4	-88	-88	90	110	
2015/16-5	ME-CC	matrix spike, RPD	7/1/2016	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2015/16-5	MO-FIL	matrix spike	6/28/2016	Conventional	Phenolics	n/a	=	0.263	mg/L	EPA 420.4	0.0042	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	MO-FIL	matrix spike, rec	6/28/2016	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2015/16-5	MO-FIL	matrix spike dup	6/28/2016	Conventional	Phenolics	n/a	=	0.265	mg/L	EPA 420.4	0.0042	0.01			
2015/16-5	MO-FIL	matrix spike dup, rec	6/28/2016	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2015/16-5	MO-FIL	matrix spike, RPD	6/28/2016	Conventional	Phenolics	n/a	=	0.6	%	EPA 420.4	-88	-88	0	20	
2015/16-5	000NONPJ	lab duplicate	6/16/2016	Conventional	Specific Conductance	n/a	=	94.7	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-5	000NONPJ	lab duplicate	6/21/2016	Conventional	Specific Conductance	n/a	=	49900	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-5	000NONPJ	lab duplicate	6/22/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-5	000NONPJ	lab duplicate	6/28/2016	Conventional	Specific Conductance	n/a	DNQ	0.37	µmhos/cm	SM 2510 B	0.23	2		4.28	
2015/16-5	Lab	LCS	6/16/2016	Conventional	Specific Conductance	n/a	=	196	µmhos/cm	SM 2510 B	0.23	2			
2015/16-5	Lab	LCS, rec	6/16/2016	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2015/16-5	Lab	method blank	6/16/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2015/16-5	Lab	LCS	6/21/2016	Conventional	Specific Conductance	n/a	=	25000	µmhos/cm	SM 2510 B	0.23	2			
2015/16-5	Lab	LCS, rec	6/21/2016	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2015/16-5	Lab	method blank	6/21/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2015/16-5	Lab	LCS	6/22/2016	Conventional	Specific Conductance	n/a	=	201	µmhos/cm	SM 2510 B	0.23	2			
2015/16-5	Lab	LCS, rec	6/22/2016	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2015/16-5	Lab	method blank	6/22/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2015/16-5	Lab	LCS	6/28/2016	Conventional	Specific Conductance	n/a	=	199	µmhos/cm	SM 2510 B	0.23	2			
2015/16-5	Lab	LCS, rec	6/28/2016	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	
2015/16-5	Lab	method blank	6/28/2016	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			
2015/16-5	Lab	LCS	6/24/2016	Conventional	Total Chlorine Residual	n/a	=	0.186	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-5	Lab	LCS, rec	6/24/2016	Conventional	Total Chlorine Residual	n/a	=	93	%	SM 4500-Cl G	-88	-88	85	110	
2015/16-5	Lab	method blank	6/24/2016	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-5	ME-CC	matrix spike	6/24/2016	Conventional	Total Chlorine Residual	n/a	=	0.168	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-5	ME-CC	matrix spike dup	6/24/2016	Conventional	Total Chlorine Residual	n/a	=	0.177	mg/L	SM 4500-Cl G	0.0015	0.05			
2015/16-5	ME-CC	matrix spike dup, rec	6/24/2016	Conventional	Total Chlorine Residual	n/a	=	87	%	SM 4500-Cl G	-88	-88	78	114	
2015/16-5	ME-CC	matrix spike, rec	6/24/2016	Conventional	Total Chlorine Residual	n/a	=	83	%	SM 4500-Cl G	-88	-88	78	114	
2015/16-5	ME-CC	matrix spike, RPD	6/24/2016	Conventional	Total Chlorine Residual	n/a	=	5	%	SM 4500-Cl G	-88	-88	0	15	
2015/16-5	000NONPJ	lab duplicate	6/21/2016	Conventional	Total Dissolved Solids	n/a	=	560	mg/L	SM 2540 C	4	10		10	
2015/16-5	000NONPJ	lab duplicate	6/21/2016	Conventional	Total Dissolved Solids	n/a	=	6360	mg/L	SM 2540 C	4	10		10	
2015/16-5	000NONPJ	lab duplicate	6/23/2016	Conventional	Total Dissolved Solids	n/a	=	3960	mg/L	SM 2540 C	4	10		10	
2015/16-5	000NONPJ	lab duplicate	6/23/2016	Conventional	Total Dissolved Solids	n/a	=	2300	mg/L	SM 2540 C	4	10		10	
2015/16-5	000NONPJ	lab duplicate	6/28/2016	Conventional	Total Dissolved Solids	n/a	=	574	mg/L	SM 2540 C	4	10		10	
2015/16-5	Lab	LCS	6/21/2016	Conventional	Total Dissolved Solids	n/a	=	815	mg/L	SM 2540 C	4	10			
2015/16-5	Lab	LCS, rec	6/21/2016	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2015/16-5	Lab	method blank	6/21/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-5	Lab	LCS	6/23/2016	Conventional	Total Dissolved Solids	n/a	=	823	mg/L	SM 2540 C	4	10			
2015/16-5	Lab	LCS, rec	6/23/2016	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2015/16-5	Lab	method blank	6/23/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-5	Lab	LCS	6/28/2016	Conventional	Total Dissolved Solids	n/a	=	807	mg/L	SM 2540 C	4	10			
2015/16-5	Lab	LCS, rec	6/28/2016	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	96	102	
2015/16-5	Lab	method blank	6/28/2016	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2015/16-5	MO-SIM	lab duplicate	6/28/2016	Conventional	Total Dissolved Solids	n/a	=	2890	mg/L	SM 2540 C	4	10		10	
2015/16-5	000NONPJ	matrix spike	6/20/2016	Conventional	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 C	0.009	0.3			
2015/16-5	000NONPJ	matrix spike dup	6/20/2016	Conventional	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 C	0.009	0.3			
2015/16-5	000NONPJ	matrix spike dup, rec	6/20/2016	Conventional	Total Organic Carbon	n/a	=	105	%	SM 5310 C	-88	-88	80	116	
2015/16-5	000NONPJ	matrix spike, rec	6/20/2016	Conventional	Total Organic Carbon	n/a	=	106	%	SM 5310 C	-88	-88	80	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	
2015/16-5	000NONPJ	matrix spike, RPD	6/20/2016	Conventional	Total Organic Carbon	n/a	=	0.2	%	SM 5310 C	-88	-88	0	20	
2015/16-5	Lab	LCS	6/20/2016	Conventional	Total Organic Carbon	n/a	=	4.94	mg/L	SM 5310 C	0.009	0.3			
2015/16-5	Lab	LCS, rec	6/20/2016	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	method blank	6/20/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0744	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-5	Lab	LCS	6/24/2016	Conventional	Total Organic Carbon	n/a	=	5.11	mg/L	SM 5310 C	0.009	0.3			
2015/16-5	Lab	LCS, rec	6/24/2016	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	method blank	6/24/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0471	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-5	Lab	LCS	6/28/2016	Conventional	Total Organic Carbon	n/a	=	5.06	mg/L	SM 5310 C	0.009	0.3			
2015/16-5	Lab	LCS, rec	6/28/2016	Conventional	Total Organic Carbon	n/a	=	101	%	SM 5310 C	-88	-88	85	115	
2015/16-5	Lab	method blank	6/28/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0547	mg/L	SM 5310 C	0.009	0.3			IP
2015/16-5	MO-FIL	matrix spike	6/24/2016	Conventional	Total Organic Carbon	n/a	=	9.73	mg/L	SM 5310 C	0.009	0.3			
2015/16-5	MO-FIL	matrix spike dup	6/24/2016	Conventional	Total Organic Carbon	n/a	=	9.53	mg/L	SM 5310 C	0.009	0.3			
2015/16-5	MO-FIL	matrix spike dup, rec	6/24/2016	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	80	116	
2015/16-5	MO-FIL	matrix spike, rec	6/24/2016	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 C	-88	-88	80	116	
2015/16-5	MO-FIL	matrix spike, RPD	6/24/2016	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	
2015/16-5	MO-THO	matrix spike	6/28/2016	Conventional	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 C	0.009	0.3			
2015/16-5	MO-THO	matrix spike dup	6/28/2016	Conventional	Total Organic Carbon	n/a	=	10.5	mg/L	SM 5310 C	0.009	0.3			
2015/16-5	MO-THO	matrix spike dup, rec	6/28/2016	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 C	-88	-88	80	116	
2015/16-5	MO-THO	matrix spike, rec	6/28/2016	Conventional	Total Organic Carbon	n/a	=	98	%	SM 5310 C	-88	-88	80	116	
2015/16-5	MO-THO	matrix spike, RPD	6/28/2016	Conventional	Total Organic Carbon	n/a	=	4	%	SM 5310 C	-88	-88	0	20	
2015/16-5	000NONPJ	lab duplicate	6/20/2016	Conventional	Total Suspended Solids	n/a	=	1940	mg/L	SM 2540 D	-88	5		20	
2015/16-5	000NONPJ	lab duplicate	6/24/2016	Conventional	Total Suspended Solids	n/a	=	973	mg/L	SM 2540 D	-88	5		20	
2015/16-5	Lab	method blank	6/20/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2015/16-5	Lab	method blank	6/24/2016	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2015/16-5	000NONPJ	lab duplicate	6/16/2016	Conventional	Turbidity	n/a	DNQ	0.05	NTU	EPA 180.1	0.024	0.1		10	
2015/16-5	000NONPJ	lab duplicate	6/23/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1		10	
2015/16-5	Lab	LCS	6/16/2016	Conventional	Turbidity	n/a	=	15.4	NTU	EPA 180.1	0.024	0.1			
2015/16-5	Lab	LCS, rec	6/16/2016	Conventional	Turbidity	n/a	=	96	%	EPA 180.1	-88	-88	90	110	
2015/16-5	Lab	method blank	6/16/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-5	Lab	LCS	6/22/2016	Conventional	Turbidity	n/a	=	14.7	NTU	EPA 180.1	0.024	0.1			
2015/16-5	Lab	LCS, rec	6/22/2016	Conventional	Turbidity	n/a	=	91	%	EPA 180.1	-88	-88	90	110	
2015/16-5	Lab	method blank	6/22/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-5	Lab	LCS	6/23/2016	Conventional	Turbidity	n/a	=	14.7	NTU	EPA 180.1	0.024	0.1			
2015/16-5	Lab	LCS, rec	6/23/2016	Conventional	Turbidity	n/a	=	91	%	EPA 180.1	-88	-88	90	110	
2015/16-5	Lab	method blank	6/23/2016	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2015/16-5	MO-FIL	lab duplicate	6/22/2016	Conventional	Turbidity	n/a	=	1.92	NTU	EPA 180.1	0.024	0.1		10	
2015/16-5	000NONPJ	lab duplicate	6/20/2016	Conventional	Volatile Suspended Solids	n/a	=	1000	mg/L	EPA 160.4	3.1	5		15	
2015/16-5	000NONPJ	lab duplicate	6/24/2016	Conventional	Volatile Suspended Solids	n/a	=	450	mg/L	EPA 160.4	3.1	5		15	
2015/16-5	Lab	method blank	6/20/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2015/16-5	Lab	method blank	6/24/2016	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2015/16-5	Lab	method blank	6/21/2016	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015B	0.024	0.1			
2015/16-5	Lab	LCS	6/21/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.427	mg/L	EPA 8015B	0.024	0.1			
2015/16-5	Lab	LCS, rec	6/21/2016	Hydrocarbon	Diesel Range Organics	n/a	=	85	%	EPA 8015B	-88	-88	56	136	
2015/16-5	Lab	LCS dup	6/21/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.462	mg/L	EPA 8015B	0.024	0.1			
2015/16-5	Lab	LCS dup, rec	6/21/2016	Hydrocarbon	Diesel Range Organics	n/a	=	92	%	EPA 8015B	-88	-88	56	136	
2015/16-5	Lab	LCS, RPD	6/21/2016	Hydrocarbon	Diesel Range Organics	n/a	=	8	%	EPA 8015B	-88	-88	0	25	
2015/16-5	Lab	method blank	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015B	0.024	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.51	mg/L	EPA 8015B	0.024	0.1			
2015/16-5	Lab	LCS, rec	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	102	%	EPA 8015B	-88	-88	56	136	
2015/16-5	Lab	LCS dup	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.579	mg/L	EPA 8015B	0.024	0.1			
2015/16-5	Lab	LCS dup, rec	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	116	%	EPA 8015B	-88	-88	56	136	
2015/16-5	Lab	LCS, RPD	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	13	%	EPA 8015B	-88	-88	0	25	
2015/16-5	Lab	method blank	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	<	0.024	mg/L	EPA 8015B	0.024	0.1			
2015/16-5	Lab	LCS	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.367	mg/L	EPA 8015B	0.024	0.1			
2015/16-5	Lab	LCS, rec	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	73	%	EPA 8015B	-88	-88	56	136	
2015/16-5	Lab	LCS dup	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	0.443	mg/L	EPA 8015B	0.024	0.1			
2015/16-5	Lab	LCS dup, rec	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	89	%	EPA 8015B	-88	-88	56	136	
2015/16-5	Lab	LCS, RPD	7/1/2016	Hydrocarbon	Diesel Range Organics	n/a	=	19	%	EPA 8015B	-88	-88	0	25	
2015/16-5	Lab	LCS	6/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.03	mg/L	EPA 8015B	0.044	0.1			
2015/16-5	Lab	LCS, rec	6/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	103	%	EPA 8015B	-88	-88	75	123	
2015/16-5	Lab	LCS dup	6/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.04	mg/L	EPA 8015B	0.044	0.1			
2015/16-5	Lab	LCS dup, rec	6/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	104	%	EPA 8015B	-88	-88	75	123	
2015/16-5	Lab	LCS, RPD	6/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1	%	EPA 8015B	-88	-88	0	25	
2015/16-5	Lab	method blank	6/22/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-5	Lab	LCS	6/28/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.08	mg/L	EPA 8015B	0.044	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	108	%	EPA 8015B	-88	-88	75	123	
2015/16-5	Lab	LCS dup	6/28/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	1.08	mg/L	EPA 8015B	0.044	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	108	%	EPA 8015B	-88	-88	75	123	
2015/16-5	Lab	LCS, RPD	6/28/2016	Hydrocarbon	Gasoline Range Organics	n/a	=	0.6	%	EPA 8015B	-88	-88	0	25	
2015/16-5	Lab	method blank	6/28/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-5	ME-CC	field duplicate	6/28/2016	Hydrocarbon	Gasoline Range Organics	n/a	<	0.044	mg/L	EPA 8015B	0.044	0.1			
2015/16-5	Lab	srgt method blank	6/21/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.287	mg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/21/2016	Hydrocarbon	n-Tetracosane	n/a	=	115	%	EPA 8015B	-88	-88	64	155	
2015/16-5	Lab	srgt LCS	6/21/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.275	mg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/21/2016	Hydrocarbon	n-Tetracosane	n/a	=	110	%	EPA 8015B	-88	-88	64	155	
2015/16-5	Lab	srgt LCS dup	6/21/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.294	mg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/21/2016	Hydrocarbon	n-Tetracosane	n/a	=	117	%	EPA 8015B	-88	-88	64	155	
2015/16-5	Lab	srgt method blank	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.247	mg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015B	-88	-88	64	155	
2015/16-5	Lab	srgt LCS	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.248	mg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015B	-88	-88	64	155	
2015/16-5	Lab	srgt LCS dup	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.246	mg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015B	-88	-88	64	155	
2015/16-5	Lab	srgt method blank	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.305	mg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	122	%	EPA 8015B	-88	-88	64	155	
2015/16-5	Lab	srgt LCS	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.291	mg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	116	%	EPA 8015B	-88	-88	64	155	
2015/16-5	Lab	srgt LCS dup	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.294	mg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	118	%	EPA 8015B	-88	-88	64	155	
2015/16-5	ME-CC	srgt environ	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.329	mg/L	EPA 8015B	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	132	%	EPA 8015B	-88	-88	64	155	
2015/16-5	ME-SCR	srgt environ	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.278	mg/L	EPA 8015B	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	111	%	EPA 8015B	-88	-88	64	155	
2015/16-5	ME-VR2	srgt environ	6/21/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.28	mg/L	EPA 8015B	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	ME-VR2	srgt environ, rec	6/21/2016	Hydrocarbon	n-Tetracosane	n/a	=	112	%	EPA 8015B	-88	-88	64	155	
2015/16-5	MO-CAM	srgt environ	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.142	mg/L	EPA 8015B	-88	-88			GN
2015/16-5	MO-CAM	srgt environ, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	57	%	EPA 8015B	-88	-88	64	155	GN
2015/16-5	MO-FIL	srgt environ	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.248	mg/L	EPA 8015B	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015B	-88	-88	64	155	
2015/16-5	MO-HUE	srgt environ	6/21/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.277	mg/L	EPA 8015B	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/21/2016	Hydrocarbon	n-Tetracosane	n/a	=	111	%	EPA 8015B	-88	-88	64	155	
2015/16-5	MO-SIM	srgt environ	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.121	mg/L	EPA 8015B	-88	-88			GN
2015/16-5	MO-SIM	srgt environ, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	48	%	EPA 8015B	-88	-88	64	155	GN
2015/16-5	MO-THO	srgt environ	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	0.295	mg/L	EPA 8015B	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/1/2016	Hydrocarbon	n-Tetracosane	n/a	=	118	%	EPA 8015B	-88	-88	64	155	
2015/16-5	000NONPJ	matrix spike	6/23/2016	Hydrocarbon	Oil and Grease	n/a	=	21.2	mg/L	EPA 1664A	1.3	5			
2015/16-5	000NONPJ	matrix spike, rec	6/23/2016	Hydrocarbon	Oil and Grease	n/a	=	87	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS	6/20/2016	Hydrocarbon	Oil and Grease	n/a	=	18.2	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS	6/20/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.1	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS dup	6/20/2016	Hydrocarbon	Oil and Grease	n/a	=	18.4	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS dup, rec	6/20/2016	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, rec	6/20/2016	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, rec	6/20/2016	Hydrocarbon	Oil and Grease	n/a	=	91	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, RPD	6/20/2016	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664A	-88	-88	0	18	
2015/16-5	Lab	method blank	6/20/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS	6/23/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.4	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS	6/23/2016	Hydrocarbon	Oil and Grease	n/a	=	18.3	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS dup	6/23/2016	Hydrocarbon	Oil and Grease	n/a	=	18.8	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS dup, rec	6/23/2016	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, rec	6/23/2016	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, rec	6/23/2016	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, RPD	6/23/2016	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664A	-88	-88	0	18	
2015/16-5	Lab	method blank	6/23/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS	6/30/2016	Hydrocarbon	Oil and Grease	n/a	=	20.6	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS	6/30/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS dup	6/30/2016	Hydrocarbon	Oil and Grease	n/a	=	20.4	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Hydrocarbon	Oil and Grease	n/a	=	102	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, rec	6/30/2016	Hydrocarbon	Oil and Grease	n/a	=	103	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, rec	6/30/2016	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, RPD	6/30/2016	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664A	-88	-88	0	18	
2015/16-5	Lab	method blank	6/30/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS	7/5/2016	Hydrocarbon	Oil and Grease	n/a	DNQ	4.1	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS	7/5/2016	Hydrocarbon	Oil and Grease	n/a	=	19.9	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS dup	7/5/2016	Hydrocarbon	Oil and Grease	n/a	=	19.8	mg/L	EPA 1664A	1.3	5			
2015/16-5	Lab	LCS dup, rec	7/5/2016	Hydrocarbon	Oil and Grease	n/a	=	99	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, rec	7/5/2016	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, rec	7/5/2016	Hydrocarbon	Oil and Grease	n/a	=	100	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	LCS, RPD	7/5/2016	Hydrocarbon	Oil and Grease	n/a	=	0.5	%	EPA 1664A	-88	-88	0	18	
2015/16-5	Lab	method blank	7/5/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-5	ME-CC	field duplicate	6/30/2016	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2015/16-5	ME-CC	matrix spike	7/5/2016	Hydrocarbon	Oil and Grease	n/a	=	24.9	mg/L	EPA 1664A	1.3	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	
2015/16-5	ME-CC	matrix spike, rec	7/5/2016	Hydrocarbon	Oil and Grease	n/a	=	93	%	EPA 1664A	-88	-88	78	114	
2015/16-5	ME-VR2	matrix spike	6/20/2016	Hydrocarbon	Oil and Grease	n/a	=	23.9	mg/L	EPA 1664A	1.3	5			
2015/16-5	ME-VR2	matrix spike, rec	6/20/2016	Hydrocarbon	Oil and Grease	n/a	=	106	%	EPA 1664A	-88	-88	78	114	
2015/16-5	MO-FIL	matrix spike	6/30/2016	Hydrocarbon	Oil and Grease	n/a	=	22.1	mg/L	EPA 1664A	1.3	5			
2015/16-5	MO-FIL	matrix spike, rec	6/30/2016	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664A	-88	-88	78	114	
2015/16-5	Lab	method blank	6/21/2016	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2015/16-5	Lab	method blank	7/1/2016	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2015/16-5	Lab	method blank	7/1/2016	Hydrocarbon	Oil Range Organics	n/a	<	0.33	mg/L	EPA 8015B	0.33	0.5			
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Aluminum	Dissolved	=	47.7	µg/L	EPA 200.8	1.3	5			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Aluminum	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Aluminum	Dissolved	=	46.2	µg/L	EPA 200.8	1.3	5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Aluminum	Dissolved	=	85	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Aluminum	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS	6/30/2016	Metal	Aluminum	Dissolved	=	53.6	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Aluminum	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS	7/1/2016	Metal	Aluminum	Dissolved	=	49.9	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Aluminum	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Aluminum	Dissolved	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS	7/5/2016	Metal	Aluminum	Dissolved	=	47.4	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Aluminum	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Aluminum	Dissolved	=	40.5	µg/L	EPA 200.8	1.3	5			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Aluminum	Dissolved	=	81	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Aluminum	Dissolved	=	39.3	µg/L	EPA 200.8	1.3	5			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Aluminum	Dissolved	=	79	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Aluminum	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Aluminum	Total	=	213	µg/L	EPA 200.8	1.3	5			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Aluminum	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Aluminum	Total	=	205	µg/L	EPA 200.8	1.3	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Aluminum	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Aluminum	Total	=	50.1	µg/L	EPA 200.8	1.3	5			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Aluminum	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Aluminum	Total	=	50.5	µg/L	EPA 200.8	1.3	5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Aluminum	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Aluminum	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS	6/30/2016	Metal	Aluminum	Total	=	53.6	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Aluminum	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS	7/1/2016	Metal	Aluminum	Total	=	56.7	µg/L	EPA 200.8	2.6	10			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Aluminum	Total	=	113	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS	7/5/2016	Metal	Aluminum	Total	=	47.9	µg/L	EPA 200.8	1.3	5			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Aluminum	Total	=	87.6	µg/L	EPA 200.8	1.3	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	
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Aluminum	Total	=	88.2	µg/L	EPA 200.8	1.3	5			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Aluminum	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Aluminum	Total	=	109	µg/L	EPA 200.8	5.2	20			GB
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Aluminum	Total	=	66	%	EPA 200.8	-88	-88	70	130	GB
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Aluminum	Total	=	116	µg/L	EPA 200.8	5.2	20			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Aluminum	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Aluminum	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Aluminum	Total	=	52.2	µg/L	EPA 200.8	1.3	5			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Aluminum	Total	=	53.4	µg/L	EPA 200.8	1.3	5			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Aluminum	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Antimony	Dissolved	=	46.4	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Antimony	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Antimony	Dissolved	=	46.9	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Antimony	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS	6/30/2016	Metal	Antimony	Dissolved	=	48.7	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Antimony	Dissolved	DNQ	0.0461	µg/L	EPA 200.8	0.045	0.5			IP
2015/16-5	Lab	LCS	7/1/2016	Metal	Antimony	Dissolved	=	47.1	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Antimony	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS	7/5/2016	Metal	Antimony	Dissolved	=	46.6	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Antimony	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Antimony	Total	=	48.7	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Antimony	Total	=	48.9	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Antimony	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Antimony	Total	=	49.8	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Antimony	Total	=	49.4	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Antimony	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS	6/30/2016	Metal	Antimony	Total	=	48.7	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS	7/1/2016	Metal	Antimony	Total	=	47.1	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS	7/5/2016	Metal	Antimony	Total	=	51	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Antimony	Total	=	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	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Antimony	Total	=	49	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Antimony	Total	=	49.5	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Antimony	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Antimony	Total	=	49.4	µg/L	EPA 200.8	0.18	2			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Antimony	Total	=	49.6	µg/L	EPA 200.8	0.18	2			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Antimony	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Antimony	Total	=	49.1	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Antimony	Total	=	51.3	µg/L	EPA 200.8	0.045	0.5			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Antimony	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Arsenic	Dissolved	=	47.4	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Arsenic	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Arsenic	Dissolved	=	47.1	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Arsenic	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Arsenic	Dissolved	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS	6/30/2016	Metal	Arsenic	Dissolved	=	51.4	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS	7/1/2016	Metal	Arsenic	Dissolved	=	50	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS	7/5/2016	Metal	Arsenic	Dissolved	=	50.2	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Arsenic	Total	=	53.6	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Arsenic	Total	=	52.9	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Arsenic	Total	=	46.1	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Arsenic	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Arsenic	Total	=	46.4	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Arsenic	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Arsenic	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS	6/30/2016	Metal	Arsenic	Total	=	51.4	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS	7/1/2016	Metal	Arsenic	Total	=	50	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	Lab	LCS	7/5/2016	Metal	Arsenic	Total	=	47.9	µg/L	EPA 200.8	0.074	0.4			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Arsenic	Total	=	52.6	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Arsenic	Total	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Arsenic	Total	=	54.8	µg/L	EPA 200.8	0.3	1.6			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Arsenic	Total	=	55	µg/L	EPA 200.8	0.3	1.6			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Arsenic	Total	=	52.4	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Arsenic	Total	=	54.5	µg/L	EPA 200.8	0.074	0.4			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Arsenic	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Barium	Total	=	90.1	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Barium	Total	=	90.7	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Barium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Barium	Total	=	96	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Barium	Total	=	95.7	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Barium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	Lab	LCS	6/30/2016	Metal	Barium	Total	=	50.3	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	Lab	LCS	7/1/2016	Metal	Barium	Total	=	48.8	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Barium	Total	<	0.071	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	Lab	LCS	7/5/2016	Metal	Barium	Total	=	52.7	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Barium	Total	=	82.3	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Barium	Total	=	82.5	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Barium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Barium	Total	=	154	µg/L	EPA 200.8	0.28	2			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Barium	Total	=	156	µg/L	EPA 200.8	0.28	2			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Barium	Total	=	66.1	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Barium	Total	=	68	µg/L	EPA 200.8	0.071	0.5			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Barium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Beryllium	Dissolved	=	53.3	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Beryllium	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Beryllium	Dissolved	=	51.8	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Beryllium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Beryllium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS	6/30/2016	Metal	Beryllium	Dissolved	=	46.8	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS	7/1/2016	Metal	Beryllium	Dissolved	=	50	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Beryllium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Beryllium	Dissolved	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS	7/5/2016	Metal	Beryllium	Dissolved	=	51	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Beryllium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Beryllium	Total	=	49.2	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Beryllium	Total	=	49.3	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Beryllium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Beryllium	Total	=	54.5	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Beryllium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Beryllium	Total	=	53.4	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS	6/30/2016	Metal	Beryllium	Total	=	46.8	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS	7/1/2016	Metal	Beryllium	Total	=	50	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS	7/5/2016	Metal	Beryllium	Total	=	52.1	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Beryllium	Total	=	53	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Beryllium	Total	=	51.5	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Beryllium	Total	=	49	µg/L	EPA 200.8	0.13	0.4			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Beryllium	Total	=	49.4	µg/L	EPA 200.8	0.13	0.4			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Beryllium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Beryllium	Total	=	54.6	µg/L	EPA 200.8	0.033	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	
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Beryllium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Beryllium	Total	=	58.2	µg/L	EPA 200.8	0.033	0.1			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Beryllium	Total	=	116	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Beryllium	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Cadmium	Dissolved	=	47	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Cadmium	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Cadmium	Dissolved	=	46.6	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Cadmium	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Cadmium	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS	6/30/2016	Metal	Cadmium	Dissolved	=	49.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS	7/1/2016	Metal	Cadmium	Dissolved	=	50.2	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Cadmium	Dissolved	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS	7/5/2016	Metal	Cadmium	Dissolved	=	48.6	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Cadmium	Total	=	47.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Cadmium	Total	=	46.9	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Cadmium	Total	=	49.4	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS	6/30/2016	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS	7/1/2016	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS	7/5/2016	Metal	Cadmium	Total	=	45.5	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Cadmium	Total	=	91	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Cadmium	Total	=	47.8	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Cadmium	Total	=	47.1	µg/L	EPA 200.8	0.16	0.4			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Cadmium	Total	=	47.5	µg/L	EPA 200.8	0.16	0.4			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Cadmium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Cadmium	Total	=	44.4	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Cadmium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Cadmium	Total	=	46.6	µg/L	EPA 200.8	0.041	0.1			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Cadmium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Cadmium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Chromium	Dissolved	=	43.7	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Chromium	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Chromium	Dissolved	=	43.8	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Chromium	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Chromium	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Chromium	Dissolved	DNQ	0.04	µg/L	EPA 200.8	0.035	0.2			IP
2015/16-5	Lab	LCS	6/30/2016	Metal	Chromium	Dissolved	=	50.9	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Chromium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS	7/1/2016	Metal	Chromium	Dissolved	=	49.2	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Chromium	Dissolved	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS	7/5/2016	Metal	Chromium	Dissolved	=	47.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Chromium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Chromium	Total	=	49.4	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Chromium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Chromium	Total	=	44.6	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Chromium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Chromium	Total	=	45	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Chromium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Chromium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS	6/30/2016	Metal	Chromium	Total	=	50.9	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS	7/1/2016	Metal	Chromium	Total	=	49.2	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS	7/5/2016	Metal	Chromium	Total	=	46.2	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Chromium	Total	=	49.3	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Chromium	Total	=	47.6	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.14	0.8			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.14	0.8			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Chromium	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	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Chromium	Total	=	0.08	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Chromium	Total	=	48.8	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Chromium	Total	=	50.8	µg/L	EPA 200.8	0.035	0.2			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Chromium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/21/2016	Metal	Chromium VI	n/a	=	5.29	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	000NONPJ	matrix spike, rec	6/21/2016	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2015/16-5	000NONPJ	matrix spike dup	6/21/2016	Metal	Chromium VI	n/a	=	5.33	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	000NONPJ	matrix spike dup, rec	6/21/2016	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2015/16-5	000NONPJ	matrix spike, RPD	6/21/2016	Metal	Chromium VI	n/a	=	0.8	%	EPA 218.6	-88	-88	0	10	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Metal	Chromium VI	n/a	=	5.47	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Metal	Chromium VI	n/a	=	5.48	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Metal	Chromium VI	n/a	=	0.2	%	EPA 218.6	-88	-88	0	10	
2015/16-5	Lab	method blank	6/21/2016	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	Lab	LCS	6/21/2016	Metal	Chromium VI	n/a	=	4.89	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	Lab	LCS, rec	6/21/2016	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	90	110	
2015/16-5	Lab	method blank	6/24/2016	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	Lab	LCS	6/24/2016	Metal	Chromium VI	n/a	=	5.19	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	Lab	LCS, rec	6/24/2016	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	90	110	
2015/16-5	Lab	method blank	6/27/2016	Metal	Chromium VI	n/a	<	0.0048	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	Lab	LCS	6/27/2016	Metal	Chromium VI	n/a	=	5.35	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	Lab	LCS, rec	6/27/2016	Metal	Chromium VI	n/a	=	107	%	EPA 218.6	-88	-88	90	110	
2015/16-5	ME-CC	matrix spike	6/27/2016	Metal	Chromium VI	n/a	=	5.77	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	ME-CC	matrix spike, rec	6/27/2016	Metal	Chromium VI	n/a	=	110	%	EPA 218.6	-88	-88	88	112	
2015/16-5	ME-CC	matrix spike dup	6/27/2016	Metal	Chromium VI	n/a	=	5.64	µg/L	EPA 218.6	0.0048	0.02			
2015/16-5	ME-CC	matrix spike dup, rec	6/27/2016	Metal	Chromium VI	n/a	=	108	%	EPA 218.6	-88	-88	88	112	
2015/16-5	ME-CC	matrix spike, RPD	6/27/2016	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Copper	Dissolved	=	41.9	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Copper	Dissolved	=	84	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Copper	Dissolved	=	42.2	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Copper	Dissolved	=	84	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Copper	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Copper	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.13	0.5			IP
2015/16-5	Lab	LCS	6/30/2016	Metal	Copper	Dissolved	=	52.4	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Copper	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	Lab	LCS	7/1/2016	Metal	Copper	Dissolved	=	50.5	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Copper	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	Lab	LCS	7/5/2016	Metal	Copper	Dissolved	=	51.2	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Copper	Total	=	47.1	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Copper	Total	=	47	µg/L	EPA 200.8	0.13	0.5			



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Copper	Total	=	42.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Copper	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Copper	Total	=	43.4	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Copper	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	Lab	LCS	6/30/2016	Metal	Copper	Total	=	52.4	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Copper	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Copper	Total	DNQ	0.147	µg/L	EPA 200.8	0.13	0.5			IP
2015/16-5	Lab	LCS	7/1/2016	Metal	Copper	Total	=	50.5	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	Lab	LCS	7/5/2016	Metal	Copper	Total	=	48.8	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Copper	Total	=	53	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Copper	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Copper	Total	=	51.3	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Copper	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Copper	Total	=	53.1	µg/L	EPA 200.8	0.52	2			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Copper	Total	=	53	µg/L	EPA 200.8	0.52	2			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Copper	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Copper	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Copper	Total	=	108	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Copper	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Copper	Total	=	114	µg/L	EPA 200.8	0.13	0.5			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Copper	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Metal	Iron	Dissolved	DNQ	2.3	µg/L	EPA 200.7	1.1	10			IP
2015/16-5	Lab	LCS	6/27/2016	Metal	Iron	Dissolved	=	206	µg/L	EPA 200.7	1.1	10			
2015/16-5	Lab	LCS, rec	6/27/2016	Metal	Iron	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2015/16-5	Lab	LCS	7/14/2016	Metal	Iron	Dissolved	=	202	µg/L	EPA 200.7	1.1	10			
2015/16-5	Lab	LCS, rec	7/14/2016	Metal	Iron	Dissolved	=	101	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2015/16-5	Lab	LCS	7/14/2016	Metal	Iron	Dissolved	=	208	µg/L	EPA 200.7	1.1	10			
2015/16-5	Lab	LCS, rec	7/14/2016	Metal	Iron	Dissolved	=	104	%	EPA 200.7	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Metal	Iron	Total	=	335	µg/L	EPA 200.7	1.1	10			
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Metal	Iron	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Metal	Iron	Total	=	338	µg/L	EPA 200.7	1.1	10			
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Metal	Iron	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Metal	Iron	Total	=	314	µg/L	EPA 200.7	1.1	10			
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Metal	Iron	Total	=	108	%	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	
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Metal	Iron	Total	=	322	µg/L	EPA 200.7	1.1	10			
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Metal	Iron	Total	=	112	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Metal	Iron	Total	=	232	µg/L	EPA 200.7	1.1	10			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Metal	Iron	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Metal	Iron	Total	=	233	µg/L	EPA 200.7	1.1	10			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Metal	Iron	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Metal	Iron	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/14/2016	Metal	Iron	Total	=	278	µg/L	EPA 200.7	1.1	10			
2015/16-5	000NONPJ	matrix spike, rec	7/14/2016	Metal	Iron	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/14/2016	Metal	Iron	Total	=	282	µg/L	EPA 200.7	1.1	10			
2015/16-5	000NONPJ	matrix spike dup, rec	7/14/2016	Metal	Iron	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/14/2016	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Metal	Iron	Total	DNQ	1.49	µg/L	EPA 200.7	1.1	10			IP
2015/16-5	Lab	LCS	6/27/2016	Metal	Iron	Total	=	206	µg/L	EPA 200.7	1.1	10			
2015/16-5	Lab	LCS, rec	6/27/2016	Metal	Iron	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Metal	Iron	Total	DNQ	1.83	µg/L	EPA 200.7	1.1	10			IP
2015/16-5	Lab	LCS	7/14/2016	Metal	Iron	Total	=	202	µg/L	EPA 200.7	1.1	10			
2015/16-5	Lab	LCS, rec	7/14/2016	Metal	Iron	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2015/16-5	Lab	method blank	7/14/2016	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2015/16-5	Lab	LCS	7/14/2016	Metal	Iron	Total	=	208	µg/L	EPA 200.7	1.1	10			
2015/16-5	Lab	LCS, rec	7/14/2016	Metal	Iron	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2015/16-5	MO-THO	matrix spike	7/14/2016	Metal	Iron	Total	=	303	µg/L	EPA 200.7	1.1	10			
2015/16-5	MO-THO	matrix spike, rec	7/14/2016	Metal	Iron	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-5	MO-THO	matrix spike dup	7/14/2016	Metal	Iron	Total	=	302	µg/L	EPA 200.7	1.1	10			
2015/16-5	MO-THO	matrix spike dup, rec	7/14/2016	Metal	Iron	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2015/16-5	MO-THO	matrix spike, RPD	7/14/2016	Metal	Iron	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Lead	Dissolved	=	47.7	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Lead	Dissolved	=	48.4	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Lead	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Lead	Dissolved	DNQ	0.06	µg/L	EPA 200.8	0.031	0.2			IP
2015/16-5	Lab	LCS	6/30/2016	Metal	Lead	Dissolved	=	51.6	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Lead	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	Lab	LCS	7/1/2016	Metal	Lead	Dissolved	=	49.4	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	Lab	LCS	7/5/2016	Metal	Lead	Dissolved	=	50.8	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Lead	Total	=	48.6	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Lead	Total	=	48.9	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Lead	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Lead	Total	=	49.2	µg/L	EPA 200.8	0.031	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	
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Lead	Total	=	49.5	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Lead	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	Lab	LCS	6/30/2016	Metal	Lead	Total	=	51.6	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	Lab	LCS	7/1/2016	Metal	Lead	Total	=	49.4	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Lead	Total	DNQ	0.0477	µg/L	EPA 200.8	0.031	0.2			IP
2015/16-5	Lab	LCS	7/5/2016	Metal	Lead	Total	=	52.9	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Lead	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Lead	Total	=	49.7	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Lead	Total	=	48.9	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Lead	Total	=	47.8	µg/L	EPA 200.8	0.12	0.8			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Lead	Total	=	47.9	µg/L	EPA 200.8	0.12	0.8			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Lead	Total	=	0.08	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Lead	Total	=	52.9	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Lead	Total	=	55.1	µg/L	EPA 200.8	0.031	0.2			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Lead	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Mercury	Dissolved	=	914	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Mercury	Dissolved	=	919	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Mercury	Dissolved	=	882	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Mercury	Dissolved	=	907	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Mercury	Dissolved	=	88	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Mercury	Dissolved	=	92	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Mercury	Dissolved	=	91	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Mercury	Dissolved	=	4	%	EPA 245.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2015/16-5	Lab	LCS	6/23/2016	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	3.9	50			
2015/16-5	Lab	LCS, rec	6/23/2016	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	85	115	
2015/16-5	Lab	method blank	6/23/2016	Metal	Mercury	Dissolved	DNQ	23	ng/L	EPA 245.1	3.9	50			IP
2015/16-5	Lab	LCS	6/28/2016	Metal	Mercury	Dissolved	=	1000	ng/L	EPA 245.1	3.9	50			
2015/16-5	Lab	LCS, rec	6/28/2016	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	85	115	
2015/16-5	Lab	method blank	6/28/2016	Metal	Mercury	Dissolved	DNQ	4	ng/L	EPA 245.1	3.9	50			IP
2015/16-5	Lab	LCS	7/5/2016	Metal	Mercury	Dissolved	=	969	ng/L	EPA 245.1	3.9	50			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	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	
2015/16-5	000NONPJ	matrix spike	6/23/2016	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike	6/23/2016	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup	6/23/2016	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup	6/23/2016	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup, rec	6/23/2016	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup, rec	6/23/2016	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, rec	6/23/2016	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, rec	6/23/2016	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/23/2016	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike, RPD	6/23/2016	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/28/2016	Metal	Mercury	Total	=	1670	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike	6/28/2016	Metal	Mercury	Total	=	1810	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup	6/28/2016	Metal	Mercury	Total	=	1800	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup	6/28/2016	Metal	Mercury	Total	=	1720	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup, rec	6/28/2016	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup, rec	6/28/2016	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, rec	6/28/2016	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, rec	6/28/2016	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/28/2016	Metal	Mercury	Total	=	0.6	%	EPA 245.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike, RPD	6/28/2016	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Mercury	Total	=	914	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Mercury	Total	=	919	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Mercury	Total	=	882	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Mercury	Total	=	907	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Mercury	Total	=	91	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2015/16-5	Lab	LCS	6/23/2016	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	3.9	50			
2015/16-5	Lab	LCS, rec	6/23/2016	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	85	115	
2015/16-5	Lab	method blank	6/23/2016	Metal	Mercury	Total	DNQ	23	ng/L	EPA 245.1	3.9	50			IP
2015/16-5	Lab	LCS	6/28/2016	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	3.9	50			
2015/16-5	Lab	LCS, rec	6/28/2016	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	85	115	
2015/16-5	Lab	method blank	6/28/2016	Metal	Mercury	Total	DNQ	14	ng/L	EPA 245.1	3.9	50			IP
2015/16-5	Lab	LCS	7/5/2016	Metal	Mercury	Total	=	969	ng/L	EPA 245.1	3.9	50			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Nickel	Dissolved	=	41.4	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Nickel	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Nickel	Dissolved	=	41.7	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Nickel	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Nickel	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Nickel	Dissolved	DNQ	0.05	µg/L	EPA 200.8	0.045	0.8			IP
2015/16-5	Lab	LCS	6/30/2016	Metal	Nickel	Dissolved	=	52.2	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Nickel	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	method blank	7/1/2016	Metal	Nickel	Dissolved	DNQ	0.0493	µg/L	EPA 200.8	0.045	0.8			IP
2015/16-5	Lab	LCS	7/1/2016	Metal	Nickel	Dissolved	=	49.8	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Nickel	Dissolved	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	Lab	LCS	7/5/2016	Metal	Nickel	Dissolved	=	50.6	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Nickel	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Nickel	Total	=	49.2	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Nickel	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Nickel	Total	=	49	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Nickel	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Nickel	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Nickel	Total	=	42.6	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Nickel	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Nickel	Total	=	43.2	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Nickel	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Nickel	Total	DNQ	0.06	µg/L	EPA 200.8	0.045	0.8			IP
2015/16-5	Lab	LCS	6/30/2016	Metal	Nickel	Total	=	52.2	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Nickel	Total	DNQ	0.237	µg/L	EPA 200.8	0.045	0.8			IP
2015/16-5	Lab	LCS	7/1/2016	Metal	Nickel	Total	=	49.8	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	Lab	LCS	7/5/2016	Metal	Nickel	Total	=	48.3	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Nickel	Total	=	49.4	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Nickel	Total	=	47.9	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Nickel	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Nickel	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Nickel	Total	=	48.4	µg/L	EPA 200.8	0.18	3.2			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Nickel	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Nickel	Total	=	50.9	µg/L	EPA 200.8	0.18	3.2			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Nickel	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Nickel	Total	=	46.5	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Nickel	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Nickel	Total	=	49	µg/L	EPA 200.8	0.045	0.8			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Nickel	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Nickel	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Selenium	Dissolved	=	48.3	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Selenium	Dissolved	=	48.2	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Selenium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Selenium	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS	6/30/2016	Metal	Selenium	Dissolved	=	50.9	µg/L	EPA 200.8	0.14	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	
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS	7/1/2016	Metal	Selenium	Dissolved	=	46.7	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Selenium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Selenium	Dissolved	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS	7/5/2016	Metal	Selenium	Dissolved	=	52.9	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Selenium	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Selenium	Total	=	55.8	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Selenium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Selenium	Total	=	56.2	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Selenium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Selenium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Selenium	Total	=	44.5	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Selenium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Selenium	Total	=	45.3	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS	6/30/2016	Metal	Selenium	Total	=	50.9	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS	7/1/2016	Metal	Selenium	Total	=	46.7	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS	7/5/2016	Metal	Selenium	Total	=	49.2	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Selenium	Total	=	58.4	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Selenium	Total	=	57.9	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Selenium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Selenium	Total	=	50.8	µg/L	EPA 200.8	0.56	1.6			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Selenium	Total	=	50.8	µg/L	EPA 200.8	0.56	1.6			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Selenium	Total	=	0	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Selenium	Total	=	73.8	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Selenium	Total	=	75.9	µg/L	EPA 200.8	0.14	0.4			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS	6/30/2016	Metal	Silver	Dissolved	=	51.8	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Silver	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS	7/1/2016	Metal	Silver	Dissolved	=	48.7	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS	7/5/2016	Metal	Silver	Dissolved	=	52.4	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Silver	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Silver	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Silver	Total	=	46.7	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Silver	Total	=	46.9	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Silver	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Silver	Total	=	46.5	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Silver	Total	=	46.6	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Silver	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS	6/30/2016	Metal	Silver	Total	=	51.8	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS	7/1/2016	Metal	Silver	Total	=	48.7	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS	7/5/2016	Metal	Silver	Total	=	52.4	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Silver	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Silver	Total	=	44.6	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Silver	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Silver	Total	=	44.9	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Silver	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Silver	Total	=	45.6	µg/L	EPA 200.8	0.25	0.8			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Silver	Total	=	45.6	µg/L	EPA 200.8	0.25	0.8			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Silver	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Silver	Total	=	43.9	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Silver	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Silver	Total	=	46.2	µg/L	EPA 200.8	0.062	0.2			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Silver	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Thallium	Dissolved	=	49.3	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Thallium	Dissolved	=	50	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Thallium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS	6/30/2016	Metal	Thallium	Dissolved	=	51.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Thallium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS	7/1/2016	Metal	Thallium	Dissolved	=	50.8	µg/L	EPA 200.8	0.014	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	
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Thallium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Thallium	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS	7/5/2016	Metal	Thallium	Dissolved	=	51.7	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Thallium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Thallium	Total	=	50	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Thallium	Total	=	51	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Thallium	Total	=	51.6	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS	6/30/2016	Metal	Thallium	Total	=	51.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS	7/1/2016	Metal	Thallium	Total	=	50.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS	7/5/2016	Metal	Thallium	Total	=	53.1	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Thallium	Total	=	50.8	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Thallium	Total	=	50.6	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Thallium	Total	=	45	µg/L	EPA 200.8	0.056	0.8			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Thallium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Thallium	Total	=	45.3	µg/L	EPA 200.8	0.056	0.8			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Thallium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Thallium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Thallium	Total	=	50.9	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Thallium	Total	=	52.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Zinc	Dissolved	=	50.1	µg/L	EPA 200.8	0.94	5			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Zinc	Dissolved	=	86	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Zinc	Dissolved	=	50.6	µg/L	EPA 200.8	0.94	5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Zinc	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Zinc	Dissolved	DNQ	1.47	µg/L	EPA 200.8	0.94	5			IP
2015/16-5	Lab	LCS	6/30/2016	Metal	Zinc	Dissolved	=	52.8	µg/L	EPA 200.8	0.94	5			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Zinc	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	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	
2015/16-5	Lab	LCS	7/1/2016	Metal	Zinc	Dissolved	=	51.7	µg/L	EPA 200.8	0.94	5			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-5	Lab	LCS	7/5/2016	Metal	Zinc	Dissolved	=	51.3	µg/L	EPA 200.8	0.94	5			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-5	000NONPJ	matrix spike	6/30/2016	Metal	Zinc	Total	=	47.5	µg/L	EPA 200.8	0.94	5			
2015/16-5	000NONPJ	matrix spike, rec	6/30/2016	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/30/2016	Metal	Zinc	Total	=	47	µg/L	EPA 200.8	0.94	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/30/2016	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/30/2016	Metal	Zinc	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Metal	Zinc	Total	=	43.4	µg/L	EPA 200.8	0.94	5			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Metal	Zinc	Total	=	43.8	µg/L	EPA 200.8	0.94	5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-5	Lab	LCS	6/30/2016	Metal	Zinc	Total	=	52.8	µg/L	EPA 200.8	0.94	5			
2015/16-5	Lab	LCS, rec	6/30/2016	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/1/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-5	Lab	LCS	7/1/2016	Metal	Zinc	Total	=	51.7	µg/L	EPA 200.8	0.94	5			
2015/16-5	Lab	LCS, rec	7/1/2016	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-5	Lab	method blank	7/5/2016	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-5	Lab	LCS	7/5/2016	Metal	Zinc	Total	=	48.6	µg/L	EPA 200.8	0.94	5			
2015/16-5	Lab	LCS, rec	7/5/2016	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-5	MO-FIL	matrix spike	7/1/2016	Metal	Zinc	Total	=	52.5	µg/L	EPA 200.8	0.94	5			
2015/16-5	MO-FIL	matrix spike, rec	7/1/2016	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike dup	7/1/2016	Metal	Zinc	Total	=	49.6	µg/L	EPA 200.8	0.94	5			
2015/16-5	MO-FIL	matrix spike dup, rec	7/1/2016	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-FIL	matrix spike, RPD	7/1/2016	Metal	Zinc	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-HUE	matrix spike	6/30/2016	Metal	Zinc	Total	=	60.6	µg/L	EPA 200.8	3.8	20			
2015/16-5	MO-HUE	matrix spike, rec	6/30/2016	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike dup	6/30/2016	Metal	Zinc	Total	=	69.2	µg/L	EPA 200.8	3.8	20			
2015/16-5	MO-HUE	matrix spike dup, rec	6/30/2016	Metal	Zinc	Total	=	113	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-HUE	matrix spike, RPD	6/30/2016	Metal	Zinc	Total	=	13	%	EPA 200.8	-88	-88	0	30	
2015/16-5	MO-SIM	matrix spike	7/5/2016	Metal	Zinc	Total	=	46.8	µg/L	EPA 200.8	0.94	5			
2015/16-5	MO-SIM	matrix spike, rec	7/5/2016	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike dup	7/5/2016	Metal	Zinc	Total	=	48.5	µg/L	EPA 200.8	0.94	5			
2015/16-5	MO-SIM	matrix spike dup, rec	7/5/2016	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2015/16-5	MO-SIM	matrix spike, RPD	7/5/2016	Metal	Zinc	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/20/2016	Nutrient	Ammonia as N	n/a	=	0.269	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike dup	6/20/2016	Nutrient	Ammonia as N	n/a	=	0.272	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/20/2016	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, rec	6/20/2016	Nutrient	Ammonia as N	n/a	=	108	%	EPA 350.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/20/2016	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Nutrient	Ammonia as N	n/a	=	0.251	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Nutrient	Ammonia as N	n/a	=	0.25	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Nutrient	Ammonia as N	n/a	=	0.2	%	EPA 350.1	-88	-88	0	15	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Nutrient	Ammonia as N	n/a	=	0.269	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Nutrient	Ammonia as N	n/a	=	0.27	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Nutrient	Ammonia as N	n/a	=	108	%	EPA 350.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Nutrient	Ammonia as N	n/a	=	108	%	EPA 350.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Nutrient	Ammonia as N	n/a	=	0.2	%	EPA 350.1	-88	-88	0	15	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Nutrient	Ammonia as N	n/a	=	0.266	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike	7/6/2016	Nutrient	Ammonia as N	n/a	=	0.261	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Nutrient	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Nutrient	Ammonia as N	n/a	=	0.266	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Nutrient	Ammonia as N	n/a	=	0.05	%	EPA 350.1	-88	-88	0	15	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Nutrient	Ammonia as N	n/a	=	0.5	%	EPA 350.1	-88	-88	0	15	
2015/16-5	Lab	LCS	6/20/2016	Nutrient	Ammonia as N	n/a	=	0.251	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	Lab	LCS, rec	6/20/2016	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2015/16-5	Lab	method blank	6/20/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	Lab	LCS	6/24/2016	Nutrient	Ammonia as N	n/a	=	0.253	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	Lab	LCS, rec	6/24/2016	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2015/16-5	Lab	method blank	6/24/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	Lab	LCS	6/27/2016	Nutrient	Ammonia as N	n/a	=	0.274	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	Lab	LCS, rec	6/27/2016	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	
2015/16-5	Lab	method blank	6/27/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	Lab	LCS	7/6/2016	Nutrient	Ammonia as N	n/a	=	0.262	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	Lab	LCS	7/6/2016	Nutrient	Ammonia as N	n/a	=	0.255	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	Lab	LCS, rec	7/6/2016	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2015/16-5	Lab	LCS, rec	7/6/2016	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2015/16-5	Lab	method blank	7/6/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	Lab	method blank	7/6/2016	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2015/16-5	000NONPJ	matrix spike	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	7.7	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	7.59	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	8	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	7.99	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.2	%	EPA 353.2	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	11.4	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	92	%	EPA 353.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	11.6	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	method blank	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	Lab	LCS	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.988	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	Lab	LCS, rec	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2015/16-5	Lab	method blank	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	Lab	LCS	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1.03	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	Lab	LCS, rec	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2015/16-5	Lab	method blank	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	Lab	LCS	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1.05	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	Lab	LCS, rec	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2015/16-5	ME-CC	matrix spike	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	8.98	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	ME-CC	matrix spike, rec	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	109	%	EPA 353.2	-88	-88	90	110	
2015/16-5	ME-CC	matrix spike dup	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	8.88	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	ME-CC	matrix spike dup, rec	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2015/16-5	ME-CC	matrix spike, RPD	6/24/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2015/16-5	MO-THO	matrix spike	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	10.6	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	MO-THO	matrix spike, rec	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2015/16-5	MO-THO	matrix spike dup	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	10.5	mg/L	EPA 353.2	0.01	0.1			
2015/16-5	MO-THO	matrix spike dup, rec	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2015/16-5	MO-THO	matrix spike, RPD	6/27/2016	Nutrient	Nitrate + Nitrite as N	n/a	=	0.8	%	EPA 353.2	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Nutrient	Nitrate as N	n/a	=	7.7	mg/L	EPA 353.2	0.041	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Nutrient	Nitrate as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Nutrient	Nitrate as N	n/a	=	7.59	mg/L	EPA 353.2	0.041	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Nutrient	Nitrate as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2015/16-5	Lab	method blank	6/24/2016	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2015/16-5	Lab	LCS	6/24/2016	Nutrient	Nitrate as N	n/a	=	0.988	mg/L	EPA 353.2	0.041	0.1			
2015/16-5	Lab	LCS, rec	6/24/2016	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2015/16-5	ME-CC	matrix spike	6/24/2016	Nutrient	Nitrate as N	n/a	=	8.94	mg/L	EPA 353.2	0.041	0.1			
2015/16-5	ME-CC	matrix spike, rec	6/24/2016	Nutrient	Nitrate as N	n/a	=	109	%	EPA 353.2	-88	-88	90	110	
2015/16-5	ME-CC	matrix spike dup	6/24/2016	Nutrient	Nitrate as N	n/a	=	8.88	mg/L	EPA 353.2	0.041	0.1			
2015/16-5	ME-CC	matrix spike dup, rec	6/24/2016	Nutrient	Nitrate as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	
2015/16-5	ME-CC	matrix spike, RPD	6/24/2016	Nutrient	Nitrate as N	n/a	=	0.7	%	EPA 353.2	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0599	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0608	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 365.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0557	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	97	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	0.055	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	95	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 365.1	-88	-88	0	20	
2015/16-5	Lab	method blank	7/1/2016	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	Lab	LCS	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0487	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	Lab	LCS, rec	7/1/2016	Nutrient	Phosphorus as P	Dissolved	=	97	%	EPA 365.1	-88	-88	90	110	
2015/16-5	Lab	method blank	7/8/2016	Nutrient	Phosphorus as P	Dissolved	DNQ	0.0016	mg/L	EPA 365.1	0.0014	0.01			IP
2015/16-5	Lab	LCS	7/8/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0487	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	
2015/16-5	Lab	LCS, rec	7/8/2016	Nutrient	Phosphorus as P	Dissolved	=	97	%	EPA 365.1	-88	-88	90	110	
2015/16-5	MO-SIM	matrix spike	7/8/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0551	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	MO-SIM	matrix spike, rec	7/8/2016	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2015/16-5	MO-SIM	matrix spike dup	7/8/2016	Nutrient	Phosphorus as P	Dissolved	=	0.0549	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	MO-SIM	matrix spike dup, rec	7/8/2016	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	
2015/16-5	MO-SIM	matrix spike, RPD	7/8/2016	Nutrient	Phosphorus as P	Dissolved	=	0.4	%	EPA 365.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/28/2016	Nutrient	Phosphorus as P	Total	=	0.0548	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/28/2016	Nutrient	Phosphorus as P	Total	=	103	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	6/28/2016	Nutrient	Phosphorus as P	Total	=	0.055	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	6/28/2016	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/28/2016	Nutrient	Phosphorus as P	Total	=	0.4	%	EPA 365.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	6/28/2016	Nutrient	Phosphorus as P	Total	=	0.0673	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/28/2016	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	6/28/2016	Nutrient	Phosphorus as P	Total	=	0.0673	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	6/28/2016	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/28/2016	Nutrient	Phosphorus as P	Total	=	0	%	EPA 365.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Nutrient	Phosphorus as P	Total	=	0.0651	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Nutrient	Phosphorus as P	Total	=	0.0672	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Nutrient	Phosphorus as P	Total	=	3	%	EPA 365.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	7/8/2016	Nutrient	Phosphorus as P	Total	=	0.0633	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/8/2016	Nutrient	Phosphorus as P	Total	=	101	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	7/8/2016	Nutrient	Phosphorus as P	Total	=	0.0603	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/8/2016	Nutrient	Phosphorus as P	Total	=	95	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	7/8/2016	Nutrient	Phosphorus as P	Total	=	5	%	EPA 365.1	-88	-88	0	20	
2015/16-5	000NONPJ	matrix spike	7/8/2016	Nutrient	Phosphorus as P	Total	=	0.066	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/8/2016	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup	7/8/2016	Nutrient	Phosphorus as P	Total	=	0.0647	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/8/2016	Nutrient	Phosphorus as P	Total	=	97	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	7/8/2016	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	20	
2015/16-5	Lab	method blank	6/28/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	Lab	LCS	6/28/2016	Nutrient	Phosphorus as P	Total	=	0.0496	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	Lab	LCS, rec	6/28/2016	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2015/16-5	Lab	method blank	7/1/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	Lab	LCS	7/1/2016	Nutrient	Phosphorus as P	Total	=	0.0508	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	Lab	LCS, rec	7/1/2016	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2015/16-5	Lab	method blank	7/8/2016	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	Lab	LCS	7/8/2016	Nutrient	Phosphorus as P	Total	=	0.0494	mg/L	EPA 365.1	0.0014	0.01			
2015/16-5	Lab	LCS, rec	7/8/2016	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2015/16-5	000NONPJ	lab duplicate	6/24/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1		10	
2015/16-5	000NONPJ	matrix spike	6/24/2016	Nutrient	TKN	n/a	=	1.15	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike	6/24/2016	Nutrient	TKN	n/a	=	0.984	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Nutrient	TKN	n/a	=	0.984	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike dup	6/24/2016	Nutrient	TKN	n/a	=	1.19	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup, rec	6/24/2016	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	

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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	
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, rec	6/24/2016	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Nutrient	TKN	n/a	=	0.03	%	EPA 351.2	-88	-88	0	10	
2015/16-5	000NONPJ	matrix spike, RPD	6/24/2016	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2015/16-5	000NONPJ	matrix spike	6/28/2016	Nutrient	TKN	n/a	=	1.58	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike	6/28/2016	Nutrient	TKN	n/a	=	1.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike dup	6/28/2016	Nutrient	TKN	n/a	=	1.57	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike dup	6/28/2016	Nutrient	TKN	n/a	=	1.03	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/28/2016	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup, rec	6/28/2016	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, rec	6/28/2016	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, rec	6/28/2016	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/28/2016	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2015/16-5	000NONPJ	matrix spike, RPD	6/28/2016	Nutrient	TKN	n/a	=	0.3	%	EPA 351.2	-88	-88	0	10	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Nutrient	TKN	n/a	=	1.71	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike	6/29/2016	Nutrient	TKN	n/a	=	1.66	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike dup	6/29/2016	Nutrient	TKN	n/a	=	1.69	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike dup	6/29/2016	Nutrient	TKN	n/a	=	1.7	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/29/2016	Nutrient	TKN	n/a	=	107	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike dup, rec	6/29/2016	Nutrient	TKN	n/a	=	107	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2015/16-5	000NONPJ	matrix spike, RPD	6/29/2016	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2015/16-5	000NONPJ	matrix spike, RPD	6/29/2016	Nutrient	TKN	n/a	=	0.2	%	EPA 351.2	-88	-88	0	10	
2015/16-5	Lab	LCS	6/24/2016	Nutrient	TKN	n/a	=	0.966	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	LCS	6/24/2016	Nutrient	TKN	n/a	=	0.984	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	LCS, rec	6/24/2016	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2015/16-5	Lab	LCS, rec	6/24/2016	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2015/16-5	Lab	method blank	6/24/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	method blank	6/24/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	LCS	6/28/2016	Nutrient	TKN	n/a	=	1.04	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	LCS	6/28/2016	Nutrient	TKN	n/a	=	1.03	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2015/16-5	Lab	LCS, rec	6/28/2016	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2015/16-5	Lab	method blank	6/28/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	method blank	6/28/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	LCS	6/29/2016	Nutrient	TKN	n/a	=	0.973	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	LCS	6/29/2016	Nutrient	TKN	n/a	=	0.973	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2015/16-5	Lab	LCS, rec	6/29/2016	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2015/16-5	Lab	method blank	6/29/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	Lab	method blank	6/29/2016	Nutrient	TKN	n/a	<	0.05	mg/L	EPA 351.2	0.05	0.1			
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	13.4	µg/L	EPA 625	0.55	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	44	142	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	12.5	µg/L	EPA 625	0.55	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	50	%	EPA 625	-88	-88	44	142	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	1,2,4-Trichlorobenzene	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	
2015/16-5	Lab	method blank	6/27/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	17	µg/L	EPA 625	0.55	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	44	142	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	13.4	µg/L	EPA 625	0.55	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	53	%	EPA 625	-88	-88	44	142	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	24	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	12.8	µg/L	EPA 625	0.55	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	1,2,4-Trichlorobenzene	n/a	=	51	%	EPA 625	-88	-88	44	142	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	1,2-Dichlorobenzene	n/a	=	14.8	µg/L	EPA 625	0.57	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	1,2-Dichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	32	129	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	1,2-Dichlorobenzene	n/a	=	13.2	µg/L	EPA 625	0.57	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	1,2-Dichlorobenzene	n/a	=	53	%	EPA 625	-88	-88	32	129	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	1,2-Dichlorobenzene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	1,2-Dichlorobenzene	n/a	=	16.2	µg/L	EPA 625	0.57	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	1,2-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	32	129	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	1,2-Dichlorobenzene	n/a	=	12.8	µg/L	EPA 625	0.57	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	1,2-Dichlorobenzene	n/a	=	51	%	EPA 625	-88	-88	32	129	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	1,2-Dichlorobenzene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	1,2-Dichlorobenzene	n/a	=	12.4	µg/L	EPA 625	0.57	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	1,2-Dichlorobenzene	n/a	=	50	%	EPA 625	-88	-88	32	129	
2015/16-5	000NONPJ	srgt matrix spike	6/17/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.1	µg/L	EPA 624	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	6/17/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-5	000NONPJ	srgt matrix spike dup	6/17/2016	Organic	1,2-Dichloroethane-d4	n/a	=	52.1	µg/L	EPA 624	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	6/17/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2015/16-5	Lab	srgt LCS	6/16/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/16/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-5	Lab	srgt LCS dup	6/16/2016	Organic	1,2-Dichloroethane-d4	n/a	=	48.1	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/16/2016	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624	-88	-88	82	125	
2015/16-5	Lab	srgt method blank	6/16/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/16/2016	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2015/16-5	Lab	srgt LCS	6/22/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/22/2016	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624	-88	-88	82	125	
2015/16-5	Lab	srgt LCS dup	6/22/2016	Organic	1,2-Dichloroethane-d4	n/a	=	48	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/22/2016	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624	-88	-88	82	125	
2015/16-5	Lab	srgt method blank	6/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.9	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624	-88	-88	82	125	
2015/16-5	Lab	srgt LCS	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624	-88	-88	82	125	
2015/16-5	Lab	srgt LCS dup	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624	-88	-88	82	125	
2015/16-5	Lab	srgt method blank	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	47.2	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624	-88	-88	82	125	
2015/16-5	ME-CC	srgt environ	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	47.3	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	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	
2015/16-5	ME-CC	srgt field duplicate	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	47.4	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt field duplicate, rec	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	95	%	EPA 624	-88	-88	82	125	
2015/16-5	ME-CC	srgt matrix spike	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	55	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt matrix spike, rec	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	110	%	EPA 624	-88	-88	82	125	
2015/16-5	ME-CC	srgt matrix spike dup	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	57	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt matrix spike dup, rec	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	114	%	EPA 624	-88	-88	82	125	
2015/16-5	ME-SCR	srgt environ	6/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	6/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-5	ME-VR2	srgt environ	6/16/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/16/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-5	MO-CAM	srgt environ	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	46.9	µg/L	EPA 624	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	94	%	EPA 624	-88	-88	82	125	
2015/16-5	MO-FIL	srgt environ	6/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/23/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-5	MO-HUE	srgt environ	6/16/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/16/2016	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624	-88	-88	82	125	
2015/16-5	MO-SIM	srgt environ	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	47.8	µg/L	EPA 624	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624	-88	-88	82	125	
2015/16-5	MO-THO	srgt environ	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	6/25/2016	Organic	1,2-Dichloroethane-d4	n/a	=	98	%	EPA 624	-88	-88	82	125	
2015/16-5	Lab	method blank	6/27/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	method blank	7/2/2016	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	1,3-Dichlorobenzene	n/a	=	11.8	µg/L	EPA 625	0.53	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	1,3-Dichlorobenzene	n/a	=	47	%	EPA 625	-88	-88	0.1	172	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	1,3-Dichlorobenzene	n/a	=	11.4	µg/L	EPA 625	0.53	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	1,3-Dichlorobenzene	n/a	=	46	%	EPA 625	-88	-88	0.1	172	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	1,3-Dichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	1,3-Dichlorobenzene	n/a	=	14.9	µg/L	EPA 625	0.53	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	1,3-Dichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	0.1	172	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	1,3-Dichlorobenzene	n/a	=	12	µg/L	EPA 625	0.53	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	1,3-Dichlorobenzene	n/a	=	48	%	EPA 625	-88	-88	0.1	172	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	1,3-Dichlorobenzene	n/a	=	21	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	1,3-Dichlorobenzene	n/a	=	11.3	µg/L	EPA 625	0.53	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	1,3-Dichlorobenzene	n/a	=	45	%	EPA 625	-88	-88	0.1	172	
2015/16-5	000NONPJ	srgt matrix spike	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.49	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	000NONPJ	srgt matrix spike dup	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.474	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	000NONPJ	srgt matrix spike	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.508	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	000NONPJ	srgt matrix spike dup	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.493	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	000NONPJ	srgt matrix spike	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.476	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	000NONPJ	srgt matrix spike dup	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.463	µg/L	EPA 525.2m	-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	
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	000NONPJ	srgt matrix spike	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.465	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	000NONPJ	srgt matrix spike dup	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.464	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt method blank	6/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2015/16-5	Lab	srgt LCS	6/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2015/16-5	Lab	srgt LCS dup	6/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.39	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	138	
2015/16-5	Lab	srgt LCS dup	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2015/16-5	Lab	srgt LCS dup, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.19	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	138	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.457	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.478	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.43	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	138	
2015/16-5	Lab	srgt method blank	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.463	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt LCS	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.49	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt method blank	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.46	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt LCS	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.459	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt method blank	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.462	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt LCS	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.434	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt LCS	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.459	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt method blank	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.438	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	Lab	srgt method blank	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.58	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	73	138	
2015/16-5	Lab	srgt LCS	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	138	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	srgt LCS dup	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	138	
2015/16-5	ME-CC	srgt environ	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.452	µg/L	EPA 525.2m	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	ME-CC	srgt environ	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.24	µg/L	EPA 525.2	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	125	%	EPA 525.2	-88	-88	73	138	
2015/16-5	ME-SCR	srgt environ	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	7.44	µg/L	EPA 525.2	-88	-88			GN
2015/16-5	ME-SCR	srgt environ, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	149	%	EPA 525.2	-88	-88	73	138	GN
2015/16-5	ME-SCR	srgt environ	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.512	µg/L	EPA 525.2m	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/6/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	ME-VR2	srgt environ	6/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.71	µg/L	EPA 525.2	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	138	
2015/16-5	ME-VR2	srgt environ	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.499	µg/L	EPA 525.2m	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	MO-CAM	srgt environ	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.525	µg/L	EPA 525.2m	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	MO-CAM	srgt environ	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.72	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	138	
2015/16-5	MO-FIL	srgt environ	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.75	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	138	
2015/16-5	MO-FIL	srgt environ	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.483	µg/L	EPA 525.2m	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	7/5/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	MO-HUE	srgt environ	6/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.7	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/28/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	138	
2015/16-5	MO-HUE	srgt environ	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.525	µg/L	EPA 525.2m	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/29/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	MO-SIM	srgt environ	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.454	µg/L	EPA 525.2m	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	MO-SIM	srgt environ	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.57	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	131	%	EPA 525.2	-88	-88	73	138	
2015/16-5	MO-THO	srgt environ	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.472	µg/L	EPA 525.2m	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/7/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2m	-88	-88	76	128	
2015/16-5	MO-THO	srgt environ	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.42	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/13/2016	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	128	%	EPA 525.2	-88	-88	73	138	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	1,4-Dichlorobenzene	n/a	=	12.7	µg/L	EPA 625	0.55	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	1,4-Dichlorobenzene	n/a	=	51	%	EPA 625	-88	-88	20	124	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	1,4-Dichlorobenzene	n/a	=	12.6	µg/L	EPA 625	0.55	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	1,4-Dichlorobenzene	n/a	=	50	%	EPA 625	-88	-88	20	124	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	1,4-Dichlorobenzene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	1,4-Dichlorobenzene	n/a	=	16.2	µg/L	EPA 625	0.55	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	1,4-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	20	124	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	1,4-Dichlorobenzene	n/a	=	13.2	µg/L	EPA 625	0.55	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	1,4-Dichlorobenzene	n/a	=	53	%	EPA 625	-88	-88	20	124	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	1,4-Dichlorobenzene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	1,4-Dichlorobenzene	n/a	=	12.5	µg/L	EPA 625	0.55	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	1,4-Dichlorobenzene	n/a	=	50	%	EPA 625	-88	-88	20	124	
2015/16-5	Lab	method blank	6/29/2016	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	method blank	7/2/2016	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	method blank	6/28/2016	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2015/16-5	Lab	method blank	6/30/2016	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2015/16-5	000NONPJ	srgt matrix spike	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	37	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	25	102	
2015/16-5	000NONPJ	srgt matrix spike dup	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	32.5	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	25	102	
2015/16-5	Lab	srgt method blank	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	28.1	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625	-88	-88	25	102	
2015/16-5	Lab	srgt LCS	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	40.8	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	25	102	
2015/16-5	Lab	srgt LCS dup	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	32.7	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	25	102	
2015/16-5	Lab	srgt method blank	6/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	4.65	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	46	%	EPA 8270C	-88	-88	26	117	
2015/16-5	Lab	srgt LCS	6/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	9.2	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 8270C	-88	-88	26	117	
2015/16-5	Lab	srgt LCS dup	6/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.87	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2015/16-5	Lab	srgt method blank	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	4.72	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	47	%	EPA 8270C	-88	-88	26	117	
2015/16-5	Lab	srgt LCS	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	8.35	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2015/16-5	Lab	srgt LCS dup	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.66	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2015/16-5	Lab	srgt method blank	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	31.9	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	25	102	
2015/16-5	Lab	srgt LCS	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	34.6	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	25	102	
2015/16-5	ME-CC	srgt environ	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.49	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2015/16-5	ME-CC	srgt environ	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	34.4	µg/L	EPA 625	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625	-88	-88	25	102	
2015/16-5	ME-SCR	srgt environ	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.31	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2015/16-5	ME-SCR	srgt environ	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	33.3	µg/L	EPA 625	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625	-88	-88	25	102	
2015/16-5	ME-VR2	srgt environ	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	27	µg/L	EPA 625	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625	-88	-88	25	102	
2015/16-5	ME-VR2	srgt environ	6/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.25	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2015/16-5	MO-CAM	srgt environ	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	3.32	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	33	%	EPA 8270C	-88	-88	26	117	
2015/16-5	MO-CAM	srgt environ	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	29	%	EPA 625	-88	-88	25	102	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	MO-FIL	srgt environ	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	30.2	µg/L	EPA 625	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625	-88	-88	25	102	
2015/16-5	MO-FIL	srgt environ	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.72	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2015/16-5	MO-HUE	srgt environ	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	21.2	µg/L	EPA 625	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/27/2016	Organic	2,4,6-Tribromophenol	n/a	=	42	%	EPA 625	-88	-88	25	102	
2015/16-5	MO-HUE	srgt environ	6/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	7.23	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/28/2016	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2015/16-5	MO-SIM	srgt environ	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	6.3	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 8270C	-88	-88	26	117	
2015/16-5	MO-SIM	srgt environ	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	39	%	EPA 625	-88	-88	25	102	
2015/16-5	MO-THO	srgt environ	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	10.8	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	6/30/2016	Organic	2,4,6-Tribromophenol	n/a	=	108	%	EPA 8270C	-88	-88	26	117	
2015/16-5	MO-THO	srgt environ	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	36.4	µg/L	EPA 625	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/2/2016	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625	-88	-88	25	102	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	2,4,6-Trichlorophenol	n/a	=	18.5	µg/L	EPA 625	0.22	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	2,4,6-Trichlorophenol	n/a	=	74	%	EPA 625	-88	-88	37	144	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	2,4,6-Trichlorophenol	n/a	=	15	µg/L	EPA 625	0.22	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	2,4,6-Trichlorophenol	n/a	=	60	%	EPA 625	-88	-88	37	144	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	2,4,6-Trichlorophenol	n/a	=	21	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	2,4,6-Trichlorophenol	n/a	=	18.5	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	2,4,6-Trichlorophenol	n/a	=	74	%	EPA 625	-88	-88	37	144	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	2,4,6-Trichlorophenol	n/a	=	13.8	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	2,4,6-Trichlorophenol	n/a	=	55	%	EPA 625	-88	-88	37	144	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	2,4,6-Trichlorophenol	n/a	=	29	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-5	Lab	LCS	6/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	9.65	µg/L	EPA 8270C	0.3	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	96	%	EPA 8270C	-88	-88	30	115	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	8.38	µg/L	EPA 8270C	0.3	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	84	%	EPA 8270C	-88	-88	30	115	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	2,4,6-Trichlorophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-5	Lab	LCS	6/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	8.58	µg/L	EPA 8270C	0.3	1			
2015/16-5	Lab	LCS, rec	6/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 8270C	-88	-88	30	115	
2015/16-5	Lab	LCS dup	6/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	6.31	µg/L	EPA 8270C	0.3	1			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	63	%	EPA 8270C	-88	-88	30	115	
2015/16-5	Lab	LCS, RPD	6/30/2016	Organic	2,4,6-Trichlorophenol	n/a	=	30	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	2,4,6-Trichlorophenol	n/a	=	15.3	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	2,4,6-Trichlorophenol	n/a	=	61	%	EPA 625	-88	-88	37	144	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	2,4-Dichlorophenol	n/a	=	16.6	µg/L	EPA 625	0.26	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	2,4-Dichlorophenol	n/a	=	66	%	EPA 625	-88	-88	39	135	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	2,4-Dichlorophenol	n/a	=	13.4	µg/L	EPA 625	0.26	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	2,4-Dichlorophenol	n/a	=	54	%	EPA 625	-88	-88	39	135	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	2,4-Dichlorophenol	n/a	=	21	%	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	
2015/16-5	Lab	method blank	6/27/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	2,4-Dichlorophenol	n/a	=	18.5	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	2,4-Dichlorophenol	n/a	=	74	%	EPA 625	-88	-88	39	135	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	2,4-Dichlorophenol	n/a	=	13.9	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	2,4-Dichlorophenol	n/a	=	56	%	EPA 625	-88	-88	39	135	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	2,4-Dichlorophenol	n/a	=	29	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2015/16-5	Lab	LCS	6/28/2016	Organic	2,4-Dichlorophenol	n/a	=	8.77	µg/L	EPA 8270C	0.51	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	2,4-Dichlorophenol	n/a	=	88	%	EPA 8270C	-88	-88	32	105	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	2,4-Dichlorophenol	n/a	=	7.63	µg/L	EPA 8270C	0.51	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	2,4-Dichlorophenol	n/a	=	76	%	EPA 8270C	-88	-88	32	105	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	2,4-Dichlorophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2015/16-5	Lab	LCS	6/30/2016	Organic	2,4-Dichlorophenol	n/a	=	7.38	µg/L	EPA 8270C	0.51	1			
2015/16-5	Lab	LCS, rec	6/30/2016	Organic	2,4-Dichlorophenol	n/a	=	74	%	EPA 8270C	-88	-88	32	105	
2015/16-5	Lab	LCS dup	6/30/2016	Organic	2,4-Dichlorophenol	n/a	=	5.54	µg/L	EPA 8270C	0.51	1			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Organic	2,4-Dichlorophenol	n/a	=	55	%	EPA 8270C	-88	-88	32	105	
2015/16-5	Lab	LCS, RPD	6/30/2016	Organic	2,4-Dichlorophenol	n/a	=	28	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	2,4-Dichlorophenol	n/a	=	14	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	2,4-Dichlorophenol	n/a	=	56	%	EPA 625	-88	-88	39	135	
2015/16-5	000NONPJ	srgt matrix spike	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	srgt matrix spike dup	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.89	µg/L	EPA 515.3	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	srgt matrix spike	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.73	µg/L	EPA 515.3	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	srgt matrix spike dup	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.63	µg/L	EPA 515.3	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	srgt matrix spike	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.87	µg/L	EPA 515.3	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	srgt matrix spike dup	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.52	µg/L	EPA 515.3	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	srgt method blank	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.61	µg/L	EPA 515.3	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	srgt LCS	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.76	µg/L	EPA 515.3	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	srgt method blank	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.04	µg/L	EPA 515.3	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	srgt LCS	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.55	µg/L	EPA 515.3	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/1/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-5	ME-CC	srgt environ	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.5	µg/L	EPA 515.3	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-5	ME-SCR	srgt environ	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-5	ME-VR2	srgt environ	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.89	µg/L	EPA 515.3	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	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	
2015/16-5	MO-CAM	srgt environ	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	MO-FIL	srgt environ	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.62	µg/L	EPA 515.3	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	MO-HUE	srgt environ	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.3	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/25/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-5	MO-SIM	srgt environ	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2015/16-5	MO-THO	srgt environ	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.63	µg/L	EPA 515.3	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/2/2016	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	2,4-Dimethylphenol	n/a	=	3.35	µg/L	EPA 625	0.3	1			GB
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	2,4-Dimethylphenol	n/a	=	13	%	EPA 625	-88	-88	32	119	GB
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	2,4-Dimethylphenol	n/a	=	4.88	µg/L	EPA 625	0.3	1			GB,IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	2,4-Dimethylphenol	n/a	=	20	%	EPA 625	-88	-88	32	119	GB,IL
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	2,4-Dimethylphenol	n/a	=	37	%	EPA 625	-88	-88	0	30	IL
2015/16-5	Lab	method blank	6/27/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	2,4-Dimethylphenol	n/a	=	16.6	µg/L	EPA 625	0.3	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	2,4-Dimethylphenol	n/a	=	66	%	EPA 625	-88	-88	32	119	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	2,4-Dimethylphenol	n/a	=	12.2	µg/L	EPA 625	0.3	1			IL
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	2,4-Dimethylphenol	n/a	=	49	%	EPA 625	-88	-88	32	119	IL
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	2,4-Dimethylphenol	n/a	=	31	%	EPA 625	-88	-88	0	30	IL
2015/16-5	Lab	method blank	6/28/2016	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS	6/28/2016	Organic	2,4-Dimethylphenol	n/a	=	5.33	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	2,4-Dimethylphenol	n/a	=	53	%	EPA 8270C	-88	-88	31	97	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	2,4-Dimethylphenol	n/a	=	5.46	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	2,4-Dimethylphenol	n/a	=	55	%	EPA 8270C	-88	-88	31	97	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	2,4-Dimethylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS	6/30/2016	Organic	2,4-Dimethylphenol	n/a	=	6.56	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS, rec	6/30/2016	Organic	2,4-Dimethylphenol	n/a	=	66	%	EPA 8270C	-88	-88	31	97	
2015/16-5	Lab	LCS dup	6/30/2016	Organic	2,4-Dimethylphenol	n/a	=	4.98	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Organic	2,4-Dimethylphenol	n/a	=	50	%	EPA 8270C	-88	-88	31	97	
2015/16-5	Lab	LCS, RPD	6/30/2016	Organic	2,4-Dimethylphenol	n/a	=	27	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	2,4-Dimethylphenol	n/a	=	11.8	µg/L	EPA 625	0.3	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	2,4-Dimethylphenol	n/a	=	47	%	EPA 625	-88	-88	32	119	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	2,4-Dinitrophenol	n/a	=	26.7	µg/L	EPA 625	1.6	10			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	2,4-Dinitrophenol	n/a	=	107	%	EPA 625	-88	-88	0.1	191	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	2,4-Dinitrophenol	n/a	=	23.2	µg/L	EPA 625	1.6	10			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	2,4-Dinitrophenol	n/a	=	93	%	EPA 625	-88	-88	0.1	191	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	2,4-Dinitrophenol	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-5	Lab	LCS	6/27/2016	Organic	2,4-Dinitrophenol	n/a	=	21.4	µg/L	EPA 625	1.6	10			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	2,4-Dinitrophenol	n/a	=	85	%	EPA 625	-88	-88	0.1	191	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	2,4-Dinitrophenol	n/a	=	19.6	µg/L	EPA 625	1.6	10			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	2,4-Dinitrophenol	n/a	=	78	%	EPA 625	-88	-88	0.1	191	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	2,4-Dinitrophenol	n/a	=	9	%	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	
2015/16-5	Lab	method blank	6/28/2016	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS	6/28/2016	Organic	2,4-Dinitrophenol	n/a	=	10.9	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	2,4-Dinitrophenol	n/a	=	109	%	EPA 8270C	-88	-88	7	155	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	2,4-Dinitrophenol	n/a	=	9.44	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	2,4-Dinitrophenol	n/a	=	94	%	EPA 8270C	-88	-88	7	155	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	2,4-Dinitrophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS	6/30/2016	Organic	2,4-Dinitrophenol	n/a	=	8.27	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS, rec	6/30/2016	Organic	2,4-Dinitrophenol	n/a	=	83	%	EPA 8270C	-88	-88	7	155	
2015/16-5	Lab	LCS dup	6/30/2016	Organic	2,4-Dinitrophenol	n/a	=	6.4	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Organic	2,4-Dinitrophenol	n/a	=	64	%	EPA 8270C	-88	-88	7	155	
2015/16-5	Lab	LCS, RPD	6/30/2016	Organic	2,4-Dinitrophenol	n/a	=	25	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-5	Lab	LCS	7/2/2016	Organic	2,4-Dinitrophenol	n/a	=	21.4	µg/L	EPA 625	1.6	10			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	2,4-Dinitrophenol	n/a	=	86	%	EPA 625	-88	-88	0.1	191	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	2,4-Dinitrotoluene	n/a	=	18.7	µg/L	EPA 625	0.18	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	2,4-Dinitrotoluene	n/a	=	75	%	EPA 625	-88	-88	39	139	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	2,4-Dinitrotoluene	n/a	=	16.4	µg/L	EPA 625	0.18	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	2,4-Dinitrotoluene	n/a	=	66	%	EPA 625	-88	-88	39	139	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	2,4-Dinitrotoluene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	2,4-Dinitrotoluene	n/a	=	21.7	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	2,4-Dinitrotoluene	n/a	=	87	%	EPA 625	-88	-88	39	139	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	2,4-Dinitrotoluene	n/a	=	17.9	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	2,4-Dinitrotoluene	n/a	=	72	%	EPA 625	-88	-88	39	139	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	2,4-Dinitrotoluene	n/a	=	19	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	2,4-Dinitrotoluene	n/a	=	18.7	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	2,4-Dinitrotoluene	n/a	=	75	%	EPA 625	-88	-88	39	139	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	2,6-Dinitrotoluene	n/a	=	17.6	µg/L	EPA 625	0.27	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	2,6-Dinitrotoluene	n/a	=	71	%	EPA 625	-88	-88	50	158	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	2,6-Dinitrotoluene	n/a	=	14.5	µg/L	EPA 625	0.27	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	2,6-Dinitrotoluene	n/a	=	58	%	EPA 625	-88	-88	50	158	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	2,6-Dinitrotoluene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	2,6-Dinitrotoluene	n/a	=	19.7	µg/L	EPA 625	0.27	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	2,6-Dinitrotoluene	n/a	=	79	%	EPA 625	-88	-88	50	158	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	2,6-Dinitrotoluene	n/a	=	15.2	µg/L	EPA 625	0.27	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	2,6-Dinitrotoluene	n/a	=	61	%	EPA 625	-88	-88	50	158	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	2,6-Dinitrotoluene	n/a	=	26	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	2,6-Dinitrotoluene	n/a	=	15.1	µg/L	EPA 625	0.27	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	2,6-Dinitrotoluene	n/a	=	60	%	EPA 625	-88	-88	50	158	
2015/16-5	000NONPJ	matrix spike	6/17/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	28.2	µg/L	EPA 624	0.28	1			
2015/16-5	000NONPJ	matrix spike, rec	6/17/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	56	%	EPA 624	-88	-88	0.1	305	
2015/16-5	000NONPJ	matrix spike dup	6/17/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	13.9	µg/L	EPA 624	0.28	1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/17/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	28	%	EPA 624	-88	-88	0.1	305	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike, RPD	6/17/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	68	%	EPA 624	-88	-88	0	25	IL
2015/16-5	Lab	LCS	6/16/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	51.4	µg/L	EPA 624	0.28	1			
2015/16-5	Lab	LCS, rec	6/16/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	103	%	EPA 624	-88	-88	0.1	305	
2015/16-5	Lab	LCS dup	6/16/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	49.7	µg/L	EPA 624	0.28	1			
2015/16-5	Lab	LCS dup, rec	6/16/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	99	%	EPA 624	-88	-88	0.1	305	
2015/16-5	Lab	LCS, RPD	6/16/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	3	%	EPA 624	-88	-88	0	25	
2015/16-5	Lab	method blank	6/16/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2015/16-5	Lab	LCS dup	6/22/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	40.8	µg/L	EPA 624	0.28	1			
2015/16-5	Lab	LCS dup, rec	6/22/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	82	%	EPA 624	-88	-88	0.1	305	
2015/16-5	Lab	LCS, RPD	6/22/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	7	%	EPA 624	-88	-88	0	25	
2015/16-5	Lab	method blank	6/23/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2015/16-5	Lab	LCS	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	39.4	µg/L	EPA 624	0.28	1			
2015/16-5	Lab	LCS, rec	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	79	%	EPA 624	-88	-88	0.1	305	
2015/16-5	Lab	LCS dup	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	43.3	µg/L	EPA 624	0.28	1			
2015/16-5	Lab	LCS dup, rec	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	87	%	EPA 624	-88	-88	0.1	305	
2015/16-5	Lab	LCS, RPD	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	9	%	EPA 624	-88	-88	0	25	
2015/16-5	Lab	method blank	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2015/16-5	ME-CC	field duplicate	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	<	0.28	µg/L	EPA 624	0.28	1			
2015/16-5	ME-CC	matrix spike	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	52.4	µg/L	EPA 624	0.28	1			
2015/16-5	ME-CC	matrix spike, rec	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	105	%	EPA 624	-88	-88	0.1	305	
2015/16-5	ME-CC	matrix spike dup	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	47.7	µg/L	EPA 624	0.28	1			
2015/16-5	ME-CC	matrix spike dup, rec	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	95	%	EPA 624	-88	-88	0.1	305	
2015/16-5	ME-CC	matrix spike, RPD	6/25/2016	Organic	2-Chloroethyl vinyl ether	n/a	=	9	%	EPA 624	-88	-88	0	25	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	2-Chloronaphthalene	n/a	=	15	µg/L	EPA 625	0.45	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	2-Chloronaphthalene	n/a	=	60	%	EPA 625	-88	-88	60	118	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	2-Chloronaphthalene	n/a	=	12.9	µg/L	EPA 625	0.45	1			GB
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	2-Chloronaphthalene	n/a	=	52	%	EPA 625	-88	-88	60	118	GB
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	2-Chloronaphthalene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	2-Chloronaphthalene	n/a	=	18.7	µg/L	EPA 625	0.45	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	2-Chloronaphthalene	n/a	=	75	%	EPA 625	-88	-88	60	118	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	2-Chloronaphthalene	n/a	=	13.9	µg/L	EPA 625	0.45	1			EUM
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	2-Chloronaphthalene	n/a	=	56	%	EPA 625	-88	-88	60	118	EUM
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	2-Chloronaphthalene	n/a	=	29	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	2-Chloronaphthalene	n/a	=	13.9	µg/L	EPA 625	0.45	1			EUM
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	2-Chloronaphthalene	n/a	=	56	%	EPA 625	-88	-88	60	118	EUM
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	2-Chlorophenol	n/a	=	13.5	µg/L	EPA 625	0.28	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	2-Chlorophenol	n/a	=	54	%	EPA 625	-88	-88	23	134	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	2-Chlorophenol	n/a	=	12.4	µg/L	EPA 625	0.28	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	2-Chlorophenol	n/a	=	49	%	EPA 625	-88	-88	23	134	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	2-Chlorophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	2-Chlorophenol	n/a	=	15.9	µg/L	EPA 625	0.28	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	2-Chlorophenol	n/a	=	64	%	EPA 625	-88	-88	23	134	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	2-Chlorophenol	n/a	=	12.9	µg/L	EPA 625	0.28	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	2-Chlorophenol	n/a	=	52	%	EPA 625	-88	-88	23	134	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	2-Chlorophenol	n/a	=	21	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2015/16-5	Lab	LCS	6/28/2016	Organic	2-Chlorophenol	n/a	=	8.14	µg/L	EPA 8270C	0.65	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	2-Chlorophenol	n/a	=	81	%	EPA 8270C	-88	-88	27	90	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	2-Chlorophenol	n/a	=	7.35	µg/L	EPA 8270C	0.65	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	2-Chlorophenol	n/a	=	74	%	EPA 8270C	-88	-88	27	90	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	2-Chlorophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2015/16-5	Lab	LCS	6/30/2016	Organic	2-Chlorophenol	n/a	=	6.76	µg/L	EPA 8270C	0.65	1			
2015/16-5	Lab	LCS, rec	6/30/2016	Organic	2-Chlorophenol	n/a	=	68	%	EPA 8270C	-88	-88	27	90	
2015/16-5	Lab	LCS dup	6/30/2016	Organic	2-Chlorophenol	n/a	=	5.37	µg/L	EPA 8270C	0.65	1			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Organic	2-Chlorophenol	n/a	=	54	%	EPA 8270C	-88	-88	27	90	
2015/16-5	Lab	LCS, RPD	6/30/2016	Organic	2-Chlorophenol	n/a	=	23	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	2-Chlorophenol	n/a	=	12.8	µg/L	EPA 625	0.28	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	2-Chlorophenol	n/a	=	51	%	EPA 625	-88	-88	23	134	
2015/16-5	000NONPJ	srgt matrix spike	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	14.3	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625	-88	-88	22	107	
2015/16-5	000NONPJ	srgt matrix spike dup	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	12.2	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	49	%	EPA 625	-88	-88	22	107	
2015/16-5	Lab	srgt method blank	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 625	-88	-88	22	107	
2015/16-5	Lab	srgt LCS	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	18.8	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	107	
2015/16-5	Lab	srgt LCS dup	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	13.6	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 625	-88	-88	22	107	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	2-Fluorobiphenyl	n/a	=	2.22	µg/L	EPA 8270C	-88	-88			GN
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	2-Fluorobiphenyl	n/a	=	44	%	EPA 8270C	-88	-88	51	139	GN
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	2-Fluorobiphenyl	n/a	=	3.15	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270C	-88	-88	51	139	
2015/16-5	Lab	srgt LCS dup	6/29/2016	Organic	2-Fluorobiphenyl	n/a	=	2.45	µg/L	EPA 8270C	-88	-88			GN
2015/16-5	Lab	srgt LCS dup, rec	6/29/2016	Organic	2-Fluorobiphenyl	n/a	=	49	%	EPA 8270C	-88	-88	51	139	GN
2015/16-5	Lab	srgt method blank	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625	-88	-88	22	107	
2015/16-5	Lab	srgt LCS	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 625	-88	-88	22	107	
2015/16-5	Lab	srgt method blank	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	2.35	µg/L	EPA 8270C	-88	-88			GN
2015/16-5	Lab	srgt method blank, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	47	%	EPA 8270C	-88	-88	51	139	GN
2015/16-5	Lab	srgt LCS	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	3.3	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2015/16-5	Lab	srgt LCS dup	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	2.08	µg/L	EPA 8270C	-88	-88			GN
2015/16-5	Lab	srgt LCS dup, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	42	%	EPA 8270C	-88	-88	51	139	GN
2015/16-5	ME-CC	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	14.8	µg/L	EPA 625	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625	-88	-88	22	107	
2015/16-5	ME-CC	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	2.77	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	55	%	EPA 8270C	-88	-88	51	139	
2015/16-5	ME-SCR	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	13.4	µg/L	EPA 625	-88	-88			



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	ME-SCR	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625	-88	-88	22	107	
2015/16-5	ME-SCR	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	2.81	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270C	-88	-88	51	139	
2015/16-5	ME-VR2	srgt environ	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	12.6	µg/L	EPA 625	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 625	-88	-88	22	107	
2015/16-5	ME-VR2	srgt environ	6/29/2016	Organic	2-Fluorobiphenyl	n/a	=	2.48	µg/L	EPA 8270C	-88	-88			GN
2015/16-5	ME-VR2	srgt environ, rec	6/29/2016	Organic	2-Fluorobiphenyl	n/a	=	50	%	EPA 8270C	-88	-88	51	139	GN
2015/16-5	MO-CAM	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	3.86	µg/L	EPA 625	-88	-88			GN
2015/16-5	MO-CAM	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	15	%	EPA 625	-88	-88	22	107	GN
2015/16-5	MO-CAM	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	1.04	µg/L	EPA 8270C	-88	-88			GN
2015/16-5	MO-CAM	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	21	%	EPA 8270C	-88	-88	51	139	GN
2015/16-5	MO-FIL	srgt environ	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 625	-88	-88	22	107	
2015/16-5	MO-FIL	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	2.13	µg/L	EPA 8270C	-88	-88			GN
2015/16-5	MO-FIL	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	43	%	EPA 8270C	-88	-88	51	139	GN
2015/16-5	MO-HUE	srgt environ	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	8.66	µg/L	EPA 625	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/27/2016	Organic	2-Fluorobiphenyl	n/a	=	35	%	EPA 625	-88	-88	22	107	
2015/16-5	MO-HUE	srgt environ	6/29/2016	Organic	2-Fluorobiphenyl	n/a	=	2.57	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/29/2016	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 8270C	-88	-88	51	139	
2015/16-5	MO-SIM	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	7.58	µg/L	EPA 625	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	30	%	EPA 625	-88	-88	22	107	
2015/16-5	MO-SIM	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	2.65	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 8270C	-88	-88	51	139	
2015/16-5	MO-THO	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	13.4	µg/L	EPA 625	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 625	-88	-88	22	107	
2015/16-5	MO-THO	srgt environ	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	3.54	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/2/2016	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2015/16-5	000NONPJ	srgt matrix spike	7/2/2016	Organic	2-Fluorophenol	n/a	=	18.4	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/2/2016	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	3	74	
2015/16-5	000NONPJ	srgt matrix spike dup	7/2/2016	Organic	2-Fluorophenol	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/2/2016	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	3	74	
2015/16-5	Lab	srgt method blank	6/27/2016	Organic	2-Fluorophenol	n/a	=	19.8	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/27/2016	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	3	74	
2015/16-5	Lab	srgt LCS	6/27/2016	Organic	2-Fluorophenol	n/a	=	20.8	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/27/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	3	74	
2015/16-5	Lab	srgt LCS dup	6/27/2016	Organic	2-Fluorophenol	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/27/2016	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	3	74	
2015/16-5	Lab	srgt method blank	6/28/2016	Organic	2-Fluorophenol	n/a	=	4.19	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/28/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2015/16-5	Lab	srgt LCS	6/28/2016	Organic	2-Fluorophenol	n/a	=	5.12	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/28/2016	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2015/16-5	Lab	srgt LCS dup	6/28/2016	Organic	2-Fluorophenol	n/a	=	4.92	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/28/2016	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2015/16-5	Lab	srgt method blank	6/30/2016	Organic	2-Fluorophenol	n/a	=	3.58	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/30/2016	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2015/16-5	Lab	srgt LCS	6/30/2016	Organic	2-Fluorophenol	n/a	=	4.17	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/30/2016	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	srgt LCS dup	6/30/2016	Organic	2-Fluorophenol	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/30/2016	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270C	-88	-88	11	62	
2015/16-5	Lab	srgt method blank	7/2/2016	Organic	2-Fluorophenol	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/2/2016	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2015/16-5	Lab	srgt LCS	7/2/2016	Organic	2-Fluorophenol	n/a	=	17.5	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/2/2016	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	3	74	
2015/16-5	ME-CC	srgt environ	6/30/2016	Organic	2-Fluorophenol	n/a	=	3.89	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	6/30/2016	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2015/16-5	ME-CC	srgt environ	7/2/2016	Organic	2-Fluorophenol	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/2/2016	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	3	74	
2015/16-5	ME-SCR	srgt environ	6/30/2016	Organic	2-Fluorophenol	n/a	=	4.06	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	6/30/2016	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2015/16-5	ME-SCR	srgt environ	7/2/2016	Organic	2-Fluorophenol	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/2/2016	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	3	74	
2015/16-5	ME-VR2	srgt environ	6/27/2016	Organic	2-Fluorophenol	n/a	=	16.4	µg/L	EPA 625	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/27/2016	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	3	74	
2015/16-5	ME-VR2	srgt environ	6/28/2016	Organic	2-Fluorophenol	n/a	=	3.94	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/28/2016	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2015/16-5	MO-CAM	srgt environ	6/30/2016	Organic	2-Fluorophenol	n/a	=	2.91	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	6/30/2016	Organic	2-Fluorophenol	n/a	=	29	%	EPA 8270C	-88	-88	11	62	
2015/16-5	MO-CAM	srgt environ	7/2/2016	Organic	2-Fluorophenol	n/a	=	8.9	µg/L	EPA 625	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/2/2016	Organic	2-Fluorophenol	n/a	=	18	%	EPA 625	-88	-88	3	74	
2015/16-5	MO-FIL	srgt environ	6/27/2016	Organic	2-Fluorophenol	n/a	=	19.3	µg/L	EPA 625	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/27/2016	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2015/16-5	MO-FIL	srgt environ	6/30/2016	Organic	2-Fluorophenol	n/a	=	3.35	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/30/2016	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270C	-88	-88	11	62	
2015/16-5	MO-HUE	srgt environ	6/27/2016	Organic	2-Fluorophenol	n/a	=	12.4	µg/L	EPA 625	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/27/2016	Organic	2-Fluorophenol	n/a	=	25	%	EPA 625	-88	-88	3	74	
2015/16-5	MO-HUE	srgt environ	6/28/2016	Organic	2-Fluorophenol	n/a	=	3.28	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/28/2016	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270C	-88	-88	11	62	
2015/16-5	MO-SIM	srgt environ	6/30/2016	Organic	2-Fluorophenol	n/a	=	3.61	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	6/30/2016	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2015/16-5	MO-SIM	srgt environ	7/2/2016	Organic	2-Fluorophenol	n/a	=	14.8	µg/L	EPA 625	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/2/2016	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	3	74	
2015/16-5	MO-THO	srgt environ	6/30/2016	Organic	2-Fluorophenol	n/a	=	4.42	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	6/30/2016	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2015/16-5	MO-THO	srgt environ	7/2/2016	Organic	2-Fluorophenol	n/a	=	17.6	µg/L	EPA 625	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/2/2016	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	3	74	
2015/16-5	Lab	method blank	6/29/2016	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	method blank	7/2/2016	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	method blank	6/28/2016	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2015/16-5	Lab	method blank	6/30/2016	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	2-Nitrophenol	n/a	=	16.2	µg/L	EPA 625	0.26	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	2-Nitrophenol	n/a	=	65	%	EPA 625	-88	-88	29	182	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	2-Nitrophenol	n/a	=	14.5	µg/L	EPA 625	0.26	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	2-Nitrophenol	n/a	=	58	%	EPA 625	-88	-88	29	182	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	2-Nitrophenol	n/a	=	11	%	EPA 625	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	method blank	6/27/2016	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	2-Nitrophenol	n/a	=	17.7	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	2-Nitrophenol	n/a	=	71	%	EPA 625	-88	-88	29	182	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	2-Nitrophenol	n/a	=	13.7	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	2-Nitrophenol	n/a	=	55	%	EPA 625	-88	-88	29	182	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	2-Nitrophenol	n/a	=	25	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2015/16-5	Lab	LCS	6/28/2016	Organic	2-Nitrophenol	n/a	=	8.49	µg/L	EPA 8270C	0.71	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	2-Nitrophenol	n/a	=	85	%	EPA 8270C	-88	-88	33	103	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	2-Nitrophenol	n/a	=	7.42	µg/L	EPA 8270C	0.71	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	2-Nitrophenol	n/a	=	74	%	EPA 8270C	-88	-88	33	103	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	2-Nitrophenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2015/16-5	Lab	LCS	6/30/2016	Organic	2-Nitrophenol	n/a	=	7.1	µg/L	EPA 8270C	0.71	1			
2015/16-5	Lab	LCS, rec	6/30/2016	Organic	2-Nitrophenol	n/a	=	71	%	EPA 8270C	-88	-88	33	103	
2015/16-5	Lab	LCS dup	6/30/2016	Organic	2-Nitrophenol	n/a	=	5.4	µg/L	EPA 8270C	0.71	1			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Organic	2-Nitrophenol	n/a	=	54	%	EPA 8270C	-88	-88	33	103	
2015/16-5	Lab	LCS, RPD	6/30/2016	Organic	2-Nitrophenol	n/a	=	27	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	2-Nitrophenol	n/a	=	14.3	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	2-Nitrophenol	n/a	=	57	%	EPA 625	-88	-88	29	182	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-5	Lab	LCS	6/27/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	21.1	µg/L	EPA 625	1.2	5			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	85	%	EPA 625	-88	-88	0.1	262	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	18.9	µg/L	EPA 625	1.2	5			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	76	%	EPA 625	-88	-88	0.1	262	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-5	Lab	LCS	7/2/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	14.2	µg/L	EPA 625	1.2	5			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	3,3'-Dichlorobenzidine	n/a	=	57	%	EPA 625	-88	-88	0.1	262	
2015/16-5	Lab	method blank	6/28/2016	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-5	Lab	method blank	6/30/2016	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.9	µg/L	EPA 625	1.7	5			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 625	-88	-88	0.1	181	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.4	µg/L	EPA 625	1.7	5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	81	%	EPA 625	-88	-88	0.1	181	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-5	Lab	LCS	6/27/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	22.2	µg/L	EPA 625	1.7	5			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	89	%	EPA 625	-88	-88	0.1	181	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19	µg/L	EPA 625	1.7	5			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	76	%	EPA 625	-88	-88	0.1	181	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2015/16-5	Lab	LCS	6/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9.47	µg/L	EPA 8270C	0.14	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	95	%	EPA 8270C	-88	-88	33	118	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8.33	µg/L	EPA 8270C	0.14	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	83	%	EPA 8270C	-88	-88	33	118	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2015/16-5	Lab	LCS	6/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8.08	µg/L	EPA 8270C	0.14	1			
2015/16-5	Lab	LCS, rec	6/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	81	%	EPA 8270C	-88	-88	33	118	
2015/16-5	Lab	LCS dup	6/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6.35	µg/L	EPA 8270C	0.14	1			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	64	%	EPA 8270C	-88	-88	33	118	
2015/16-5	Lab	LCS, RPD	6/30/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	24	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-5	Lab	LCS	7/2/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	21.4	µg/L	EPA 625	1.7	5			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	4,6-Dinitro-2-methylphenol	n/a	=	86	%	EPA 625	-88	-88	0.1	181	
2015/16-5	000NONPJ	srgt matrix spike	6/17/2016	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	6/17/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-5	000NONPJ	srgt matrix spike dup	6/17/2016	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 624	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	6/17/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-5	Lab	srgt LCS	6/16/2016	Organic	4-Bromofluorobenzene	n/a	=	48.7	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/16/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-5	Lab	srgt LCS dup	6/16/2016	Organic	4-Bromofluorobenzene	n/a	=	50.9	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/16/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2015/16-5	Lab	srgt method blank	6/16/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/16/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-5	Lab	srgt LCS	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	43	µg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 8015B	-88	-88	72	124	
2015/16-5	Lab	srgt LCS dup	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8015B	-88	-88	72	124	
2015/16-5	Lab	srgt method blank	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8015B	-88	-88	72	124	
2015/16-5	Lab	srgt LCS	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-5	Lab	srgt LCS dup	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-5	Lab	srgt method blank	6/23/2016	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/23/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-5	Lab	srgt LCS	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	51.2	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624	-88	-88	88	108	
2015/16-5	Lab	srgt LCS dup	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624	-88	-88	88	108	
2015/16-5	Lab	srgt method blank	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624	-88	-88	88	108	
2015/16-5	Lab	srgt LCS	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	54	µg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	108	%	EPA 8015B	-88	-88	72	124	
2015/16-5	Lab	srgt LCS dup	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	52	µg/L	EPA 8015B	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	srgt LCS dup, rec	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 8015B	-88	-88	72	124	
2015/16-5	Lab	srgt method blank	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	52	µg/L	EPA 8015B	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 8015B	-88	-88	72	124	
2015/16-5	ME-CC	srgt environ	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-5	ME-CC	srgt field duplicate	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt field duplicate, rec	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-5	ME-CC	srgt matrix spike	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	52.2	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt matrix spike, rec	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624	-88	-88	88	108	
2015/16-5	ME-CC	srgt matrix spike dup	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	52.7	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt matrix spike dup, rec	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 624	-88	-88	88	108	
2015/16-5	ME-CC	srgt environ	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 8015B	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8015B	-88	-88	72	124	
2015/16-5	ME-CC	srgt field duplicate	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 8015B	-88	-88			
2015/16-5	ME-CC	srgt field duplicate, rec	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8015B	-88	-88	72	124	
2015/16-5	ME-SCR	srgt environ	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	45	µg/L	EPA 8015B	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 8015B	-88	-88	72	124	
2015/16-5	ME-SCR	srgt environ	6/23/2016	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 624	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	6/23/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-5	ME-VR2	srgt environ	6/16/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 624	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/16/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-5	ME-VR2	srgt environ	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	45	µg/L	EPA 8015B	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 8015B	-88	-88	72	124	
2015/16-5	MO-CAM	srgt environ	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 624	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-5	MO-CAM	srgt environ	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8015B	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8015B	-88	-88	72	124	
2015/16-5	MO-FIL	srgt environ	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	41	µg/L	EPA 8015B	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 8015B	-88	-88	72	124	
2015/16-5	MO-FIL	srgt environ	6/23/2016	Organic	4-Bromofluorobenzene	n/a	=	48.3	µg/L	EPA 624	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/23/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-5	MO-HUE	srgt environ	6/16/2016	Organic	4-Bromofluorobenzene	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/16/2016	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 624	-88	-88	88	108	
2015/16-5	MO-HUE	srgt environ	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	44	µg/L	EPA 8015B	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/22/2016	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 8015B	-88	-88	72	124	
2015/16-5	MO-SIM	srgt environ	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 624	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624	-88	-88	88	108	
2015/16-5	MO-SIM	srgt environ	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	51	µg/L	EPA 8015B	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8015B	-88	-88	72	124	
2015/16-5	MO-THO	srgt environ	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	6/25/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624	-88	-88	88	108	
2015/16-5	MO-THO	srgt environ	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8015B	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	6/28/2016	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8015B	-88	-88	72	124	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	14.2	µg/L	EPA 625	0.36	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	57	%	EPA 625	-88	-88	53	127	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	11.9	µg/L	EPA 625	0.36	1			GB
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	48	%	EPA 625	-88	-88	53	127	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	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	17.4	µg/L	EPA 625	0.36	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	70	%	EPA 625	-88	-88	53	127	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	13.8	µg/L	EPA 625	0.36	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	55	%	EPA 625	-88	-88	53	127	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	24	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	13.6	µg/L	EPA 625	0.36	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	4-Bromophenyl phenyl ether	n/a	=	54	%	EPA 625	-88	-88	53	127	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	4-Chloro-3-methylphenol	n/a	=	16.8	µg/L	EPA 625	0.23	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	4-Chloro-3-methylphenol	n/a	=	67	%	EPA 625	-88	-88	22	147	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	4-Chloro-3-methylphenol	n/a	=	13.4	µg/L	EPA 625	0.23	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	4-Chloro-3-methylphenol	n/a	=	53	%	EPA 625	-88	-88	22	147	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	4-Chloro-3-methylphenol	n/a	=	23	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	19.5	µg/L	EPA 625	0.23	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 625	-88	-88	22	147	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	14.1	µg/L	EPA 625	0.23	1			IL
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	56	%	EPA 625	-88	-88	22	147	IL
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	4-Chloro-3-methylphenol	n/a	=	32	%	EPA 625	-88	-88	0	30	IL
2015/16-5	Lab	method blank	6/28/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2015/16-5	Lab	LCS	6/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	9.12	µg/L	EPA 8270C	0.37	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	91	%	EPA 8270C	-88	-88	29	108	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	8.28	µg/L	EPA 8270C	0.37	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	83	%	EPA 8270C	-88	-88	29	108	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	4-Chloro-3-methylphenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2015/16-5	Lab	LCS	6/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	8.2	µg/L	EPA 8270C	0.37	1			
2015/16-5	Lab	LCS, rec	6/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 8270C	-88	-88	29	108	
2015/16-5	Lab	LCS dup	6/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	6.05	µg/L	EPA 8270C	0.37	1			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	60	%	EPA 8270C	-88	-88	29	108	
2015/16-5	Lab	LCS, RPD	6/30/2016	Organic	4-Chloro-3-methylphenol	n/a	=	30	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	4-Chloro-3-methylphenol	n/a	=	13.7	µg/L	EPA 625	0.23	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	4-Chloro-3-methylphenol	n/a	=	55	%	EPA 625	-88	-88	22	147	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.2	µg/L	EPA 625	0.41	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	65	%	EPA 625	-88	-88	25	158	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	13.1	µg/L	EPA 625	0.41	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	53	%	EPA 625	-88	-88	25	158	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	21	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.4	µg/L	EPA 625	0.41	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625	-88	-88	25	158	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	15.3	µg/L	EPA 625	0.41	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	61	%	EPA 625	-88	-88	25	158	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	29	%	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	
2015/16-5	Lab	method blank	7/2/2016	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.7	µg/L	EPA 625	0.41	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	4-Chlorophenyl phenyl ether	n/a	=	59	%	EPA 625	-88	-88	25	158	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	4-Nitrophenol	n/a	=	9.84	µg/L	EPA 625	0.45	5			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	4-Nitrophenol	n/a	=	39	%	EPA 625	-88	-88	0.1	132	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	4-Nitrophenol	n/a	=	9.12	µg/L	EPA 625	0.45	5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	4-Nitrophenol	n/a	=	36	%	EPA 625	-88	-88	0.1	132	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	4-Nitrophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-5	Lab	LCS	6/27/2016	Organic	4-Nitrophenol	n/a	=	8.68	µg/L	EPA 625	0.45	5			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625	-88	-88	0.1	132	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	4-Nitrophenol	n/a	=	7.83	µg/L	EPA 625	0.45	5			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	4-Nitrophenol	n/a	=	31	%	EPA 625	-88	-88	0.1	132	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	4-Nitrophenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS	6/28/2016	Organic	4-Nitrophenol	n/a	=	3.55	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	4-Nitrophenol	n/a	=	36	%	EPA 8270C	-88	-88	6	46	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	4-Nitrophenol	n/a	=	3.71	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	4-Nitrophenol	n/a	=	37	%	EPA 8270C	-88	-88	6	46	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	4-Nitrophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS	6/30/2016	Organic	4-Nitrophenol	n/a	=	3.33	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS, rec	6/30/2016	Organic	4-Nitrophenol	n/a	=	33	%	EPA 8270C	-88	-88	6	46	
2015/16-5	Lab	LCS dup	6/30/2016	Organic	4-Nitrophenol	n/a	=	3.02	µg/L	EPA 8270C	1	2			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Organic	4-Nitrophenol	n/a	=	30	%	EPA 8270C	-88	-88	6	46	
2015/16-5	Lab	LCS, RPD	6/30/2016	Organic	4-Nitrophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-5	Lab	LCS	7/2/2016	Organic	4-Nitrophenol	n/a	=	7.83	µg/L	EPA 625	0.45	5			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	4-Nitrophenol	n/a	=	31	%	EPA 625	-88	-88	0.1	132	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Acenaphthene	n/a	=	16.3	µg/L	EPA 625	0.38	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Acenaphthene	n/a	=	65	%	EPA 625	-88	-88	47	145	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Acenaphthene	n/a	=	13.4	µg/L	EPA 625	0.38	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Acenaphthene	n/a	=	54	%	EPA 625	-88	-88	47	145	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Acenaphthene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Acenaphthene	n/a	=	21.5	µg/L	EPA 625	0.38	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Acenaphthene	n/a	=	86	%	EPA 625	-88	-88	47	145	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Acenaphthene	n/a	=	16.3	µg/L	EPA 625	0.38	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Acenaphthene	n/a	=	65	%	EPA 625	-88	-88	47	145	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Acenaphthene	n/a	=	28	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Acenaphthene	n/a	=	9.11	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Acenaphthene	n/a	=	91	%	EPA 8270C	-88	-88	11	122	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Acenaphthene	n/a	=	8.22	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Acenaphthene	n/a	=	82	%	EPA 8270C	-88	-88	11	122	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Acenaphthene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS	7/2/2016	Organic	Acenaphthene	n/a	=	15.4	µg/L	EPA 625	0.38	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Acenaphthene	n/a	=	62	%	EPA 625	-88	-88	47	145	
2015/16-5	Lab	method blank	7/2/2016	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Acenaphthene	n/a	=	7.77	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Acenaphthene	n/a	=	78	%	EPA 8270C	-88	-88	11	122	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Acenaphthene	n/a	=	5.9	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Acenaphthene	n/a	=	59	%	EPA 8270C	-88	-88	11	122	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Acenaphthene	n/a	=	27	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Acenaphthylene	n/a	=	16.5	µg/L	EPA 625	0.4	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Acenaphthylene	n/a	=	66	%	EPA 625	-88	-88	33	145	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Acenaphthylene	n/a	=	13.7	µg/L	EPA 625	0.4	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Acenaphthylene	n/a	=	55	%	EPA 625	-88	-88	33	145	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Acenaphthylene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Acenaphthylene	n/a	=	21.1	µg/L	EPA 625	0.4	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Acenaphthylene	n/a	=	84	%	EPA 625	-88	-88	33	145	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Acenaphthylene	n/a	=	15.5	µg/L	EPA 625	0.4	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Acenaphthylene	n/a	=	62	%	EPA 625	-88	-88	33	145	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Acenaphthylene	n/a	=	30	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Acenaphthylene	n/a	=	9.79	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Acenaphthylene	n/a	=	98	%	EPA 8270C	-88	-88	4	135	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Acenaphthylene	n/a	=	7.78	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Acenaphthylene	n/a	=	78	%	EPA 8270C	-88	-88	4	135	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Acenaphthylene	n/a	=	23	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Acenaphthylene	n/a	=	15.3	µg/L	EPA 625	0.4	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Acenaphthylene	n/a	=	61	%	EPA 625	-88	-88	33	145	
2015/16-5	Lab	method blank	7/2/2016	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Acenaphthylene	n/a	=	9.09	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Acenaphthylene	n/a	=	91	%	EPA 8270C	-88	-88	4	135	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Acenaphthylene	n/a	=	6.49	µg/L	EPA 8270C	0.1	0.1			IL
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Acenaphthylene	n/a	=	65	%	EPA 8270C	-88	-88	4	135	IL
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Acenaphthylene	n/a	=	33	%	EPA 8270C	-88	-88	0	30	IL
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Anthracene	n/a	=	14.9	µg/L	EPA 625	0.34	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Anthracene	n/a	=	59	%	EPA 625	-88	-88	27	133	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Anthracene	n/a	=	14	µg/L	EPA 625	0.34	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Anthracene	n/a	=	56	%	EPA 625	-88	-88	27	133	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Anthracene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Anthracene	n/a	=	22.6	µg/L	EPA 625	0.34	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Anthracene	n/a	=	90	%	EPA 625	-88	-88	27	133	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Anthracene	n/a	=	18.8	µg/L	EPA 625	0.34	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Anthracene	n/a	=	75	%	EPA 625	-88	-88	27	133	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Anthracene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Anthracene	n/a	=	9.11	µg/L	EPA 8270C	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	
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Anthracene	n/a	=	91	%	EPA 8270C	-88	-88	22	127	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Anthracene	n/a	=	8.64	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Anthracene	n/a	=	86	%	EPA 8270C	-88	-88	22	127	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Anthracene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Anthracene	n/a	=	19.4	µg/L	EPA 625	0.34	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Anthracene	n/a	=	77	%	EPA 625	-88	-88	27	133	
2015/16-5	Lab	method blank	7/2/2016	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Anthracene	n/a	=	8.41	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Anthracene	n/a	=	84	%	EPA 8270C	-88	-88	22	127	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Anthracene	n/a	=	7.02	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Anthracene	n/a	=	70	%	EPA 8270C	-88	-88	22	127	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Anthracene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Benz(a)anthracene	n/a	=	13.7	µg/L	EPA 625	0.19	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Benz(a)anthracene	n/a	=	55	%	EPA 625	-88	-88	33	143	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Benz(a)anthracene	n/a	=	13.8	µg/L	EPA 625	0.19	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Benz(a)anthracene	n/a	=	55	%	EPA 625	-88	-88	33	143	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Benz(a)anthracene	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Benz(a)anthracene	n/a	=	20	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Benz(a)anthracene	n/a	=	80	%	EPA 625	-88	-88	33	143	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Benz(a)anthracene	n/a	=	18.3	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 625	-88	-88	33	143	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Benz(a)anthracene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Benz(a)anthracene	n/a	=	11.5	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Benz(a)anthracene	n/a	=	115	%	EPA 8270C	-88	-88	17	131	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Benz(a)anthracene	n/a	=	9.3	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Benz(a)anthracene	n/a	=	93	%	EPA 8270C	-88	-88	17	131	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Benz(a)anthracene	n/a	=	21	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Benz(a)anthracene	n/a	=	19.1	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Benz(a)anthracene	n/a	=	76	%	EPA 625	-88	-88	33	143	
2015/16-5	Lab	method blank	7/2/2016	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Benz(a)anthracene	n/a	=	10.9	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Benz(a)anthracene	n/a	=	109	%	EPA 8270C	-88	-88	17	131	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Benz(a)anthracene	n/a	=	8.95	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Benz(a)anthracene	n/a	=	90	%	EPA 8270C	-88	-88	17	131	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Benz(a)anthracene	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Benzydine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2015/16-5	Lab	method blank	7/2/2016	Organic	Benzydine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	11.6	µg/L	EPA 625	0.13	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	47	%	EPA 625	-88	-88	17	163	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	11.4	µg/L	EPA 625	0.13	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	46	%	EPA 625	-88	-88	17	163	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	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	
2015/16-5	Lab	LCS	6/27/2016	Organic	Benzo(a)pyrene	n/a	=	21.2	µg/L	EPA 625	0.13	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Benzo(a)pyrene	n/a	=	85	%	EPA 625	-88	-88	17	163	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Benzo(a)pyrene	n/a	=	17.9	µg/L	EPA 625	0.13	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Benzo(a)pyrene	n/a	=	71	%	EPA 625	-88	-88	17	163	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Benzo(a)pyrene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-5	Lab	LCS	6/28/2016	Organic	Benzo(a)pyrene	n/a	=	4.67	µg/L	EPA 525.2	0.07	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	Benzo(a)pyrene	n/a	=	93	%	EPA 525.2	-88	-88	40	147	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	Benzo(a)pyrene	n/a	=	4.86	µg/L	EPA 525.2	0.07	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 525.2	-88	-88	40	147	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Organic	Benzo(a)pyrene	n/a	=	3.93	µg/L	EPA 525.2	0.07	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Benzo(a)pyrene	n/a	=	79	%	EPA 525.2	-88	-88	40	147	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Benzo(a)pyrene	n/a	=	3.93	µg/L	EPA 525.2	0.07	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Benzo(a)pyrene	n/a	=	79	%	EPA 525.2	-88	-88	40	147	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Benzo(a)pyrene	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-5	Lab	method blank	6/29/2016	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Benzo(a)pyrene	n/a	=	9.68	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 8270C	-88	-88	12	131	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Benzo(a)pyrene	n/a	=	8.79	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 8270C	-88	-88	12	131	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Benzo(a)pyrene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	15.3	µg/L	EPA 625	0.13	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	61	%	EPA 625	-88	-88	17	163	
2015/16-5	Lab	method blank	7/2/2016	Organic	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	8.33	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	83	%	EPA 8270C	-88	-88	12	131	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	8.74	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	87	%	EPA 8270C	-88	-88	12	131	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/13/2016	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-5	Lab	LCS	7/13/2016	Organic	Benzo(a)pyrene	n/a	=	3.68	µg/L	EPA 525.2	0.07	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Organic	Benzo(a)pyrene	n/a	=	74	%	EPA 525.2	-88	-88	40	147	
2015/16-5	Lab	LCS dup	7/13/2016	Organic	Benzo(a)pyrene	n/a	=	3.96	µg/L	EPA 525.2	0.07	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Organic	Benzo(a)pyrene	n/a	=	79	%	EPA 525.2	-88	-88	40	147	
2015/16-5	Lab	LCS, RPD	7/13/2016	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	14.5	µg/L	EPA 625	0.14	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	58	%	EPA 625	-88	-88	24	159	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	13.5	µg/L	EPA 625	0.14	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	54	%	EPA 625	-88	-88	24	159	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Benzo(b)fluoranthene	n/a	=	23.2	µg/L	EPA 625	0.14	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Benzo(b)fluoranthene	n/a	=	93	%	EPA 625	-88	-88	24	159	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Benzo(b)fluoranthene	n/a	=	21.4	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	
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Benzo(b)fluoranthene	n/a	=	86	%	EPA 625	-88	-88	24	159	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Benzo(b)fluoranthene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Benzo(b)fluoranthene	n/a	=	11	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Benzo(b)fluoranthene	n/a	=	110	%	EPA 8270C	-88	-88	19	129	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Benzo(b)fluoranthene	n/a	=	9.91	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Benzo(b)fluoranthene	n/a	=	99	%	EPA 8270C	-88	-88	19	129	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Benzo(b)fluoranthene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	16.8	µg/L	EPA 625	0.14	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	67	%	EPA 625	-88	-88	24	159	
2015/16-5	Lab	method blank	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	9.38	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	94	%	EPA 8270C	-88	-88	19	129	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	9.69	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	97	%	EPA 8270C	-88	-88	19	129	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	12	µg/L	EPA 625	0.1	2			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	48	%	EPA 625	-88	-88	0.1	219	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	12.3	µg/L	EPA 625	0.1	2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	49	%	EPA 625	-88	-88	0.1	219	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-5	Lab	LCS	6/27/2016	Organic	Benzo(g,h,i)perylene	n/a	=	21.4	µg/L	EPA 625	0.1	2			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Benzo(g,h,i)perylene	n/a	=	85	%	EPA 625	-88	-88	0.1	219	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Benzo(g,h,i)perylene	n/a	=	18.6	µg/L	EPA 625	0.1	2			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Benzo(g,h,i)perylene	n/a	=	74	%	EPA 625	-88	-88	0.1	219	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Benzo(g,h,i)perylene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Benzo(g,h,i)perylene	n/a	=	10.4	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Benzo(g,h,i)perylene	n/a	=	104	%	EPA 8270C	-88	-88	14	139	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Benzo(g,h,i)perylene	n/a	=	11.3	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Benzo(g,h,i)perylene	n/a	=	113	%	EPA 8270C	-88	-88	14	139	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-5	Lab	LCS	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	15.7	µg/L	EPA 625	0.1	2			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	63	%	EPA 625	-88	-88	0.1	219	
2015/16-5	Lab	method blank	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	8.22	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	82	%	EPA 8270C	-88	-88	14	139	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	9.09	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	91	%	EPA 8270C	-88	-88	14	139	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Benzo(g,h,i)perylene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	14.1	µg/L	EPA 625	0.22	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	56	%	EPA 625	-88	-88	11	162	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	14.2	µg/L	EPA 625	0.22	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	57	%	EPA 625	-88	-88	11	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	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Benzo(k)fluoranthene	n/a	=	21.9	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 625	-88	-88	11	162	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Benzo(k)fluoranthene	n/a	=	15.5	µg/L	EPA 625	0.22	1			IL
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Benzo(k)fluoranthene	n/a	=	62	%	EPA 625	-88	-88	11	162	IL
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Benzo(k)fluoranthene	n/a	=	34	%	EPA 625	-88	-88	0	30	IL
2015/16-5	Lab	method blank	6/29/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Benzo(k)fluoranthene	n/a	=	9.67	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Benzo(k)fluoranthene	n/a	=	97	%	EPA 8270C	-88	-88	22	127	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Benzo(k)fluoranthene	n/a	=	9.23	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 8270C	-88	-88	22	127	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	13.3	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	53	%	EPA 625	-88	-88	11	162	
2015/16-5	Lab	method blank	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	8.5	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	85	%	EPA 8270C	-88	-88	22	127	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	8.42	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 8270C	-88	-88	22	127	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Benzo(k)fluoranthene	n/a	=	0.9	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.6	µg/L	EPA 625	0.25	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	62	%	EPA 625	-88	-88	33	184	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	13.6	µg/L	EPA 625	0.25	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	54	%	EPA 625	-88	-88	33	184	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.6	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	79	%	EPA 625	-88	-88	33	184	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.9	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	59	%	EPA 625	-88	-88	33	184	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	28	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.3	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Bis(2-chloroethoxy)methane	n/a	=	57	%	EPA 625	-88	-88	33	184	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	13.5	µg/L	EPA 625	0.27	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	54	%	EPA 625	-88	-88	12	158	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	12.8	µg/L	EPA 625	0.27	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	51	%	EPA 625	-88	-88	12	158	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	16.7	µg/L	EPA 625	0.27	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625	-88	-88	12	158	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	13.3	µg/L	EPA 625	0.27	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	53	%	EPA 625	-88	-88	12	158	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	22	%	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	
2015/16-5	Lab	method blank	7/2/2016	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	13.1	µg/L	EPA 625	0.27	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Bis(2-chloroethyl)ether	n/a	=	53	%	EPA 625	-88	-88	12	158	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.2	µg/L	EPA 625	0.38	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	61	%	EPA 625	-88	-88	36	166	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.2	µg/L	EPA 625	0.38	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	57	%	EPA 625	-88	-88	36	166	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.3	µg/L	EPA 625	0.38	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	77	%	EPA 625	-88	-88	36	166	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.8	µg/L	EPA 625	0.38	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	59	%	EPA 625	-88	-88	36	166	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	26	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.6	µg/L	EPA 625	0.38	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Bis(2-chloroisopropyl)ether	n/a	=	58	%	EPA 625	-88	-88	36	166	
2015/16-5	Lab	method blank	6/28/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-5	Lab	LCS	6/28/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.16	µg/L	EPA 525.2	0.1	5			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	103	%	EPA 525.2	-88	-88	71	158	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.94	µg/L	EPA 525.2	0.1	5			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	99	%	EPA 525.2	-88	-88	71	158	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.47	µg/L	EPA 525.2	0.1	5			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	89	%	EPA 525.2	-88	-88	71	158	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.59	µg/L	EPA 525.2	0.1	5			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	92	%	EPA 525.2	-88	-88	71	158	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-5	Lab	method blank	7/13/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2015/16-5	Lab	LCS	7/13/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.84	µg/L	EPA 525.2	0.1	5			
2015/16-5	Lab	LCS, rec	7/13/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	97	%	EPA 525.2	-88	-88	71	158	
2015/16-5	Lab	LCS dup	7/13/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.99	µg/L	EPA 525.2	0.1	5			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	100	%	EPA 525.2	-88	-88	71	158	
2015/16-5	Lab	LCS, RPD	7/13/2016	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.2	µg/L	EPA 625	2.3	5			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	70	%	EPA 625	-88	-88	8	158	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	26.6	µg/L	EPA 625	2.3	5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	96	%	EPA 625	-88	-88	8	158	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	27	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-5	Lab	LCS	6/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	25.9	µg/L	EPA 625	2.3	5			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	104	%	EPA 625	-88	-88	8	158	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	18.7	µg/L	EPA 625	2.3	5			IL
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	75	%	EPA 625	-88	-88	8	158	IL
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	32	%	EPA 625	-88	-88	0	30	IL
2015/16-5	Lab	method blank	6/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	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	
2015/16-5	Lab	LCS	6/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.74	µg/L	EPA 525.2	1.1	3			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	115	%	EPA 525.2	-88	-88	68	154	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.71	µg/L	EPA 525.2	1.1	3			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 525.2	-88	-88	68	154	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.58	µg/L	EPA 525.2	1.1	3			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	92	%	EPA 525.2	-88	-88	68	154	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.78	µg/L	EPA 525.2	1.1	3			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	96	%	EPA 525.2	-88	-88	68	154	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-5	Lab	method blank	7/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-5	Lab	LCS	7/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	24.5	µg/L	EPA 625	2.3	5			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	98	%	EPA 625	-88	-88	8	158	
2015/16-5	Lab	method blank	7/13/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-5	Lab	LCS	7/13/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.49	µg/L	EPA 525.2	1.1	3			
2015/16-5	Lab	LCS, rec	7/13/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	110	%	EPA 525.2	-88	-88	68	154	
2015/16-5	Lab	LCS dup	7/13/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.83	µg/L	EPA 525.2	1.1	3			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	117	%	EPA 525.2	-88	-88	68	154	
2015/16-5	Lab	LCS, RPD	7/13/2016	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Butyl benzyl phthalate	n/a	=	16.7	µg/L	EPA 625	0.18	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Butyl benzyl phthalate	n/a	=	65	%	EPA 625	-88	-88	0.1	152	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Butyl benzyl phthalate	n/a	=	16.6	µg/L	EPA 625	0.18	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Butyl benzyl phthalate	n/a	=	65	%	EPA 625	-88	-88	0.1	152	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Butyl benzyl phthalate	n/a	=	0.5	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Butyl benzyl phthalate	n/a	=	21.3	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Butyl benzyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	152	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Butyl benzyl phthalate	n/a	=	18.8	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Butyl benzyl phthalate	n/a	=	75	%	EPA 625	-88	-88	0.1	152	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Butyl benzyl phthalate	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Butyl benzyl phthalate	n/a	=	20.7	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Butyl benzyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	152	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Chrysene	n/a	=	17.9	µg/L	EPA 625	0.19	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Chrysene	n/a	=	72	%	EPA 625	-88	-88	17	168	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Chrysene	n/a	=	17.4	µg/L	EPA 625	0.19	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Chrysene	n/a	=	70	%	EPA 625	-88	-88	17	168	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Chrysene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Chrysene	n/a	=	23.9	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Chrysene	n/a	=	96	%	EPA 625	-88	-88	17	168	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Chrysene	n/a	=	19.9	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Chrysene	n/a	=	80	%	EPA 625	-88	-88	17	168	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Chrysene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Chrysene	n/a	=	8.88	µg/L	EPA 8270C	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	
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Chrysene	n/a	=	89	%	EPA 8270C	-88	-88	32	126	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Chrysene	n/a	=	8.85	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Chrysene	n/a	=	89	%	EPA 8270C	-88	-88	32	126	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Chrysene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Chrysene	n/a	=	22	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Chrysene	n/a	=	88	%	EPA 625	-88	-88	17	168	
2015/16-5	Lab	method blank	7/2/2016	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Chrysene	n/a	=	8.64	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Chrysene	n/a	=	86	%	EPA 8270C	-88	-88	32	126	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Chrysene	n/a	=	7.8	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Chrysene	n/a	=	78	%	EPA 8270C	-88	-88	32	126	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Chrysene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	7.91	µg/L	EPA 625	0.08	2			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	32	%	EPA 625	-88	-88	0.1	227	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	8.6	µg/L	EPA 625	0.08	2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	34	%	EPA 625	-88	-88	0.1	227	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-5	Lab	LCS	6/27/2016	Organic	Dibenz(a,h)anthracene	n/a	=	13.9	µg/L	EPA 625	0.08	2			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Dibenz(a,h)anthracene	n/a	=	56	%	EPA 625	-88	-88	0.1	227	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Dibenz(a,h)anthracene	n/a	=	12.7	µg/L	EPA 625	0.08	2			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Dibenz(a,h)anthracene	n/a	=	51	%	EPA 625	-88	-88	0.1	227	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Dibenz(a,h)anthracene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Dibenz(a,h)anthracene	n/a	=	7.04	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Dibenz(a,h)anthracene	n/a	=	70	%	EPA 8270C	-88	-88	9	147	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Dibenz(a,h)anthracene	n/a	=	6.99	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Dibenz(a,h)anthracene	n/a	=	70	%	EPA 8270C	-88	-88	9	147	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Dibenz(a,h)anthracene	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-5	Lab	LCS	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	11.5	µg/L	EPA 625	0.08	2			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	46	%	EPA 625	-88	-88	0.1	227	
2015/16-5	Lab	method blank	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	4.51	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	45	%	EPA 8270C	-88	-88	9	147	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	5.11	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	51	%	EPA 8270C	-88	-88	9	147	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Dibenz(a,h)anthracene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Diethyl phthalate	n/a	=	17.4	µg/L	EPA 625	0.15	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Diethyl phthalate	n/a	=	70	%	EPA 625	-88	-88	0.1	114	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Diethyl phthalate	n/a	=	15.2	µg/L	EPA 625	0.15	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Diethyl phthalate	n/a	=	61	%	EPA 625	-88	-88	0.1	114	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Diethyl phthalate	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Diethyl phthalate	n/a	=	21.3	µg/L	EPA 625	0.15	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Diethyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	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	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Diethyl phthalate	n/a	=	17	µg/L	EPA 625	0.15	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Diethyl phthalate	n/a	=	68	%	EPA 625	-88	-88	0.1	114	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Diethyl phthalate	n/a	=	23	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Diethyl phthalate	n/a	=	17.1	µg/L	EPA 625	0.15	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Diethyl phthalate	n/a	=	69	%	EPA 625	-88	-88	0.1	114	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Dimethyl phthalate	n/a	=	17.9	µg/L	EPA 625	0.18	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Dimethyl phthalate	n/a	=	72	%	EPA 625	-88	-88	0.1	112	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Dimethyl phthalate	n/a	=	15	µg/L	EPA 625	0.18	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Dimethyl phthalate	n/a	=	60	%	EPA 625	-88	-88	0.1	112	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Dimethyl phthalate	n/a	=	18	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Dimethyl phthalate	n/a	=	21.8	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Dimethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	112	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Dimethyl phthalate	n/a	=	16.4	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Dimethyl phthalate	n/a	=	65	%	EPA 625	-88	-88	0.1	112	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Dimethyl phthalate	n/a	=	29	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Dimethyl phthalate	n/a	=	16.1	µg/L	EPA 625	0.18	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Dimethyl phthalate	n/a	=	64	%	EPA 625	-88	-88	0.1	112	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Di-n-butylphthalate	n/a	=	19.1	µg/L	EPA 625	0.24	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Di-n-butylphthalate	n/a	=	77	%	EPA 625	-88	-88	1	118	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Di-n-butylphthalate	n/a	=	18.6	µg/L	EPA 625	0.24	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Di-n-butylphthalate	n/a	=	74	%	EPA 625	-88	-88	1	118	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Di-n-butylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Di-n-butylphthalate	n/a	=	24.4	µg/L	EPA 625	0.24	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Di-n-butylphthalate	n/a	=	97	%	EPA 625	-88	-88	1	118	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Di-n-butylphthalate	n/a	=	19.7	µg/L	EPA 625	0.24	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625	-88	-88	1	118	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Di-n-butylphthalate	n/a	=	21	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Di-n-butylphthalate	n/a	=	21.7	µg/L	EPA 625	0.24	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Di-n-butylphthalate	n/a	=	87	%	EPA 625	-88	-88	1	118	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Di-n-octylphthalate	n/a	=	16.2	µg/L	EPA 625	0.19	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Di-n-octylphthalate	n/a	=	65	%	EPA 625	-88	-88	4	146	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Di-n-octylphthalate	n/a	=	18.2	µg/L	EPA 625	0.19	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Di-n-octylphthalate	n/a	=	73	%	EPA 625	-88	-88	4	146	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Di-n-octylphthalate	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Di-n-octylphthalate	n/a	=	23.2	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Di-n-octylphthalate	n/a	=	93	%	EPA 625	-88	-88	4	146	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Di-n-octylphthalate	n/a	=	19.9	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Di-n-octylphthalate	n/a	=	80	%	EPA 625	-88	-88	4	146	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Di-n-octylphthalate	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Di-n-octylphthalate	n/a	=	22.3	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	
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Di-n-octylphthalate	n/a	=	89	%	EPA 625	-88	-88	4	146	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Fluoranthene	n/a	=	19.2	µg/L	EPA 625	0.22	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Fluoranthene	n/a	=	77	%	EPA 625	-88	-88	26	137	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Fluoranthene	n/a	=	18.9	µg/L	EPA 625	0.22	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Fluoranthene	n/a	=	76	%	EPA 625	-88	-88	26	137	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Fluoranthene	n/a	=	24.5	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Fluoranthene	n/a	=	98	%	EPA 625	-88	-88	26	137	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Fluoranthene	n/a	=	21.5	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Fluoranthene	n/a	=	86	%	EPA 625	-88	-88	26	137	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Fluoranthene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Fluoranthene	n/a	=	10.4	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Fluoranthene	n/a	=	104	%	EPA 8270C	-88	-88	22	131	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Fluoranthene	n/a	=	9.07	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Fluoranthene	n/a	=	91	%	EPA 8270C	-88	-88	22	131	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Fluoranthene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Fluoranthene	n/a	=	24.1	µg/L	EPA 625	0.22	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Fluoranthene	n/a	=	97	%	EPA 625	-88	-88	26	137	
2015/16-5	Lab	method blank	7/2/2016	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Fluoranthene	n/a	=	9.91	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Fluoranthene	n/a	=	99	%	EPA 8270C	-88	-88	22	131	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Fluoranthene	n/a	=	8.29	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Fluoranthene	n/a	=	83	%	EPA 8270C	-88	-88	22	131	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Fluoranthene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Fluorene	n/a	=	17.6	µg/L	EPA 625	0.35	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Fluorene	n/a	=	71	%	EPA 625	-88	-88	59	121	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Fluorene	n/a	=	14.6	µg/L	EPA 625	0.35	1			GB
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Fluorene	n/a	=	58	%	EPA 625	-88	-88	59	121	GB
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Fluorene	n/a	=	19	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Fluorene	n/a	=	21.8	µg/L	EPA 625	0.35	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Fluorene	n/a	=	87	%	EPA 625	-88	-88	59	121	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Fluorene	n/a	=	16.8	µg/L	EPA 625	0.35	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Fluorene	n/a	=	67	%	EPA 625	-88	-88	59	121	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Fluorene	n/a	=	26	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Fluorene	n/a	=	9.59	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Fluorene	n/a	=	96	%	EPA 8270C	-88	-88	19	122	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Fluorene	n/a	=	8.03	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Fluorene	n/a	=	80	%	EPA 8270C	-88	-88	19	122	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Fluorene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Fluorene	n/a	=	16.4	µg/L	EPA 625	0.35	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Fluorene	n/a	=	66	%	EPA 625	-88	-88	59	121	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	method blank	7/2/2016	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Fluorene	n/a	=	9.36	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Fluorene	n/a	=	94	%	EPA 8270C	-88	-88	19	122	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Fluorene	n/a	=	6.71	µg/L	EPA 8270C	0.1	0.1			IL
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Fluorene	n/a	=	67	%	EPA 8270C	-88	-88	19	122	IL
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Fluorene	n/a	=	33	%	EPA 8270C	-88	-88	0	30	IL
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Hexachlorobenzene	n/a	=	14.6	µg/L	EPA 625	0.49	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Hexachlorobenzene	n/a	=	58	%	EPA 625	-88	-88	0.1	152	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Hexachlorobenzene	n/a	=	12.3	µg/L	EPA 625	0.49	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Hexachlorobenzene	n/a	=	49	%	EPA 625	-88	-88	0.1	152	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Hexachlorobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Hexachlorobenzene	n/a	=	17.9	µg/L	EPA 625	0.49	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Hexachlorobenzene	n/a	=	71	%	EPA 625	-88	-88	0.1	152	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Hexachlorobenzene	n/a	=	14.3	µg/L	EPA 625	0.49	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Hexachlorobenzene	n/a	=	57	%	EPA 625	-88	-88	0.1	152	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Hexachlorobenzene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Hexachlorobenzene	n/a	=	14.8	µg/L	EPA 625	0.49	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Hexachlorobenzene	n/a	=	59	%	EPA 625	-88	-88	0.1	152	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Hexachlorobutadiene	n/a	=	12.2	µg/L	EPA 625	0.47	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Hexachlorobutadiene	n/a	=	49	%	EPA 625	-88	-88	24	116	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Hexachlorobutadiene	n/a	=	12	µg/L	EPA 625	0.47	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Hexachlorobutadiene	n/a	=	48	%	EPA 625	-88	-88	24	116	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Hexachlorobutadiene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Hexachlorobutadiene	n/a	=	17.6	µg/L	EPA 625	0.47	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Hexachlorobutadiene	n/a	=	71	%	EPA 625	-88	-88	24	116	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Hexachlorobutadiene	n/a	=	13.5	µg/L	EPA 625	0.47	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Hexachlorobutadiene	n/a	=	54	%	EPA 625	-88	-88	24	116	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Hexachlorobutadiene	n/a	=	27	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Hexachlorobutadiene	n/a	=	11.6	µg/L	EPA 625	0.47	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Hexachlorobutadiene	n/a	=	46	%	EPA 625	-88	-88	24	116	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Hexachlorocyclopentadiene	n/a	=	10.7	µg/L	EPA 625	1.5	5			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Hexachlorocyclopentadiene	n/a	=	43	%	EPA 625	-88	-88	10	80	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Hexachlorocyclopentadiene	n/a	=	9.38	µg/L	EPA 625	1.5	5			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Hexachlorocyclopentadiene	n/a	=	38	%	EPA 625	-88	-88	10	80	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Hexachlorocyclopentadiene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-5	Lab	LCS	6/27/2016	Organic	Hexachlorocyclopentadiene	n/a	=	10.3	µg/L	EPA 625	1.5	5			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Hexachlorocyclopentadiene	n/a	=	41	%	EPA 625	-88	-88	0.1	81	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Hexachlorocyclopentadiene	n/a	=	7.18	µg/L	EPA 625	1.5	5			IL
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Hexachlorocyclopentadiene	n/a	=	29	%	EPA 625	-88	-88	0.1	81	IL
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Hexachlorocyclopentadiene	n/a	=	36	%	EPA 625	-88	-88	0	30	IL
2015/16-5	Lab	method blank	7/2/2016	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-5	Lab	LCS	7/2/2016	Organic	Hexachlorocyclopentadiene	n/a	=	7.01	µg/L	EPA 625	1.5	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Hexachlorocyclopentadiene	n/a	=	28	%	EPA 625	-88	-88	0.1	81	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Hexachloroethane	n/a	=	11.9	µg/L	EPA 625	0.52	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Hexachloroethane	n/a	=	48	%	EPA 625	-88	-88	40	113	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Hexachloroethane	n/a	=	11.5	µg/L	EPA 625	0.52	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Hexachloroethane	n/a	=	46	%	EPA 625	-88	-88	40	113	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Hexachloroethane	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Hexachloroethane	n/a	=	15.6	µg/L	EPA 625	0.52	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Hexachloroethane	n/a	=	62	%	EPA 625	-88	-88	40	113	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Hexachloroethane	n/a	=	11.9	µg/L	EPA 625	0.52	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Hexachloroethane	n/a	=	48	%	EPA 625	-88	-88	40	113	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Hexachloroethane	n/a	=	27	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Hexachloroethane	n/a	=	11	µg/L	EPA 625	0.52	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Hexachloroethane	n/a	=	44	%	EPA 625	-88	-88	40	113	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	14	µg/L	EPA 625	0.12	2			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	56	%	EPA 625	-88	-88	0.1	171	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13.8	µg/L	EPA 625	0.12	2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	55	%	EPA 625	-88	-88	0.1	171	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-5	Lab	LCS	6/27/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21.8	µg/L	EPA 625	0.12	2			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	87	%	EPA 625	-88	-88	0.1	171	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.8	µg/L	EPA 625	0.12	2			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	79	%	EPA 625	-88	-88	0.1	171	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	10.4	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	104	%	EPA 8270C	-88	-88	12	136	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	10.3	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	103	%	EPA 8270C	-88	-88	12	136	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-5	Lab	LCS	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16.8	µg/L	EPA 625	0.12	2			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	67	%	EPA 625	-88	-88	0.1	171	
2015/16-5	Lab	method blank	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8.4	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	84	%	EPA 8270C	-88	-88	12	136	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 8270C	-88	-88	12	136	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Isophorone	n/a	=	17.5	µg/L	EPA 625	0.21	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Isophorone	n/a	=	70	%	EPA 625	-88	-88	21	196	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Isophorone	n/a	=	14.4	µg/L	EPA 625	0.21	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Isophorone	n/a	=	58	%	EPA 625	-88	-88	21	196	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Isophorone	n/a	=	19	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS	6/27/2016	Organic	Isophorone	n/a	=	21.6	µg/L	EPA 625	0.21	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Isophorone	n/a	=	86	%	EPA 625	-88	-88	21	196	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Isophorone	n/a	=	15.4	µg/L	EPA 625	0.21	1			IL
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Isophorone	n/a	=	62	%	EPA 625	-88	-88	21	196	IL
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Isophorone	n/a	=	34	%	EPA 625	-88	-88	0	30	IL
2015/16-5	Lab	method blank	7/2/2016	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Isophorone	n/a	=	15.1	µg/L	EPA 625	0.21	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Isophorone	n/a	=	60	%	EPA 625	-88	-88	21	196	
2015/16-5	000NONPJ	matrix spike	6/17/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	49.2	µg/L	EPA 624	0.25	1			
2015/16-5	000NONPJ	matrix spike, rec	6/17/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	98	%	EPA 624	-88	-88	80	128	
2015/16-5	000NONPJ	matrix spike dup	6/17/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	49.8	µg/L	EPA 624	0.25	1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/17/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	100	%	EPA 624	-88	-88	80	128	
2015/16-5	000NONPJ	matrix spike, RPD	6/17/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	1	%	EPA 624	-88	-88	0	25	
2015/16-5	Lab	LCS dup	6/16/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	49.5	µg/L	EPA 624	0.25	1			
2015/16-5	Lab	LCS dup, rec	6/16/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	99	%	EPA 624	-88	-88	80	128	
2015/16-5	Lab	LCS, RPD	6/16/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	2	%	EPA 624	-88	-88	0	25	
2015/16-5	Lab	method blank	6/16/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2015/16-5	Lab	LCS	6/22/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	47.2	µg/L	EPA 624	0.25	1			
2015/16-5	Lab	LCS, rec	6/22/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	94	%	EPA 624	-88	-88	80	128	
2015/16-5	Lab	LCS dup	6/22/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	44.6	µg/L	EPA 624	0.25	1			
2015/16-5	Lab	LCS dup, rec	6/22/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	89	%	EPA 624	-88	-88	80	128	
2015/16-5	Lab	LCS, RPD	6/22/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6	%	EPA 624	-88	-88	0	25	
2015/16-5	Lab	method blank	6/23/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2015/16-5	Lab	LCS	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	47.8	µg/L	EPA 624	0.25	1			
2015/16-5	Lab	LCS, rec	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	96	%	EPA 624	-88	-88	80	128	
2015/16-5	Lab	LCS dup	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	47.1	µg/L	EPA 624	0.25	1			
2015/16-5	Lab	LCS dup, rec	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	94	%	EPA 624	-88	-88	80	128	
2015/16-5	Lab	LCS, RPD	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	2	%	EPA 624	-88	-88	0	25	
2015/16-5	Lab	method blank	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2015/16-5	ME-CC	field duplicate	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.25	µg/L	EPA 624	0.25	1			
2015/16-5	ME-CC	matrix spike	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	59.9	µg/L	EPA 624	0.25	1			
2015/16-5	ME-CC	matrix spike, rec	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	120	%	EPA 624	-88	-88	80	128	
2015/16-5	ME-CC	matrix spike dup	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	55.1	µg/L	EPA 624	0.25	1			
2015/16-5	ME-CC	matrix spike dup, rec	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	110	%	EPA 624	-88	-88	80	128	
2015/16-5	ME-CC	matrix spike, RPD	6/25/2016	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	8	%	EPA 624	-88	-88	0	25	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Naphthalene	n/a	=	14.9	µg/L	EPA 625	0.49	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Naphthalene	n/a	=	60	%	EPA 625	-88	-88	21	133	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Naphthalene	n/a	=	13.8	µg/L	EPA 625	0.49	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Naphthalene	n/a	=	55	%	EPA 625	-88	-88	21	133	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Naphthalene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Naphthalene	n/a	=	19.1	µg/L	EPA 625	0.49	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Naphthalene	n/a	=	77	%	EPA 625	-88	-88	21	133	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Naphthalene	n/a	=	15.2	µg/L	EPA 625	0.49	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Naphthalene	n/a	=	61	%	EPA 625	-88	-88	21	133	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Naphthalene	n/a	=	23	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	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	
2015/16-5	Lab	LCS	6/29/2016	Organic	Naphthalene	n/a	=	8.41	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Naphthalene	n/a	=	84	%	EPA 8270C	-88	-88	12	136	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Naphthalene	n/a	=	7.32	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Naphthalene	n/a	=	73	%	EPA 8270C	-88	-88	12	136	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Naphthalene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Naphthalene	n/a	=	14.7	µg/L	EPA 625	0.49	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Naphthalene	n/a	=	59	%	EPA 625	-88	-88	21	133	
2015/16-5	Lab	method blank	7/2/2016	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Naphthalene	n/a	=	7	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Naphthalene	n/a	=	70	%	EPA 8270C	-88	-88	12	136	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Naphthalene	n/a	=	5.55	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Naphthalene	n/a	=	56	%	EPA 8270C	-88	-88	12	136	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Naphthalene	n/a	=	23	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Nitrobenzene	n/a	=	15.1	µg/L	EPA 625	0.36	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Nitrobenzene	n/a	=	61	%	EPA 625	-88	-88	35	180	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Nitrobenzene	n/a	=	13.9	µg/L	EPA 625	0.36	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Nitrobenzene	n/a	=	56	%	EPA 625	-88	-88	35	180	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Nitrobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Nitrobenzene	n/a	=	17.9	µg/L	EPA 625	0.36	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Nitrobenzene	n/a	=	72	%	EPA 625	-88	-88	35	180	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Nitrobenzene	n/a	=	14.6	µg/L	EPA 625	0.36	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Nitrobenzene	n/a	=	59	%	EPA 625	-88	-88	35	180	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Nitrobenzene	n/a	=	20	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Nitrobenzene	n/a	=	14.1	µg/L	EPA 625	0.36	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Nitrobenzene	n/a	=	56	%	EPA 625	-88	-88	35	180	
2015/16-5	000NONPJ	srgt matrix spike	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	14.5	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 625	-88	-88	27	111	
2015/16-5	000NONPJ	srgt matrix spike dup	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	13.1	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	52	%	EPA 625	-88	-88	27	111	
2015/16-5	Lab	srgt method blank	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	15.2	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625	-88	-88	27	111	
2015/16-5	Lab	srgt LCS	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625	-88	-88	27	111	
2015/16-5	Lab	srgt LCS dup	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	13.7	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 625	-88	-88	27	111	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	Nitrobenzene-d5	n/a	=	2.69	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 8270C	-88	-88	51	143	
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	Nitrobenzene-d5	n/a	=	3.51	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2015/16-5	Lab	srgt LCS dup	6/29/2016	Organic	Nitrobenzene-d5	n/a	=	3.11	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/29/2016	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270C	-88	-88	51	143	
2015/16-5	Lab	srgt method blank	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	14.3	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625	-88	-88	27	111	
2015/16-5	Lab	srgt LCS	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	13.3	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	
2015/16-5	Lab	srgt LCS, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 625	-88	-88	27	111	
2015/16-5	Lab	srgt method blank	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	3.06	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 8270C	-88	-88	51	143	
2015/16-5	Lab	srgt LCS	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	3.83	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2015/16-5	Lab	srgt LCS dup	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	2.77	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270C	-88	-88	51	143	
2015/16-5	ME-CC	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	27	111	
2015/16-5	ME-CC	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	3.33	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2015/16-5	ME-SCR	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625	-88	-88	27	111	
2015/16-5	ME-SCR	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	3.36	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2015/16-5	ME-VR2	srgt environ	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	13.8	µg/L	EPA 625	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 625	-88	-88	27	111	
2015/16-5	ME-VR2	srgt environ	6/29/2016	Organic	Nitrobenzene-d5	n/a	=	2.79	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/29/2016	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270C	-88	-88	51	143	
2015/16-5	MO-CAM	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	4.97	µg/L	EPA 625	-88	-88			GN
2015/16-5	MO-CAM	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	20	%	EPA 625	-88	-88	27	111	GN
2015/16-5	MO-CAM	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	1.57	µg/L	EPA 8270C	-88	-88			GN
2015/16-5	MO-CAM	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	31	%	EPA 8270C	-88	-88	51	143	GN
2015/16-5	MO-FIL	srgt environ	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	14.7	µg/L	EPA 625	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 625	-88	-88	27	111	
2015/16-5	MO-FIL	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	2.93	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270C	-88	-88	51	143	
2015/16-5	MO-HUE	srgt environ	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	9.13	µg/L	EPA 625	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/27/2016	Organic	Nitrobenzene-d5	n/a	=	37	%	EPA 625	-88	-88	27	111	
2015/16-5	MO-HUE	srgt environ	6/29/2016	Organic	Nitrobenzene-d5	n/a	=	2.77	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/29/2016	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270C	-88	-88	51	143	
2015/16-5	MO-SIM	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	8.17	µg/L	EPA 625	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	33	%	EPA 625	-88	-88	27	111	
2015/16-5	MO-SIM	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	3.16	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270C	-88	-88	51	143	
2015/16-5	MO-THO	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	13.9	µg/L	EPA 625	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 625	-88	-88	27	111	
2015/16-5	MO-THO	srgt environ	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	3.91	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/2/2016	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270C	-88	-88	51	143	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	N-Nitrosodimethylamine	n/a	=	9.97	µg/L	EPA 625	0.14	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	N-Nitrosodimethylamine	n/a	=	40	%	EPA 625	-88	-88	15	57	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	N-Nitrosodimethylamine	n/a	=	9.25	µg/L	EPA 625	0.14	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	N-Nitrosodimethylamine	n/a	=	37	%	EPA 625	-88	-88	15	57	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	N-Nitrosodimethylamine	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	N-Nitrosodimethylamine	n/a	=	10.9	µg/L	EPA 625	0.14	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	N-Nitrosodimethylamine	n/a	=	44	%	EPA 625	-88	-88	15	59	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	N-Nitrosodimethylamine	n/a	=	9.53	µg/L	EPA 625	0.14	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	N-Nitrosodimethylamine	n/a	=	38	%	EPA 625	-88	-88	15	59	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	N-Nitrosodimethylamine	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	N-Nitrosodimethylamine	n/a	=	8.77	µg/L	EPA 625	0.14	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	N-Nitrosodimethylamine	n/a	=	35	%	EPA 625	-88	-88	15	59	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.5	µg/L	EPA 625	0.26	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	66	%	EPA 625	-88	-88	0.1	230	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	14.4	µg/L	EPA 625	0.26	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	57	%	EPA 625	-88	-88	0.1	230	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	20.6	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	83	%	EPA 625	-88	-88	0.1	230	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	15.4	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	62	%	EPA 625	-88	-88	0.1	230	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	29	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	15	µg/L	EPA 625	0.26	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	N-Nitrosodi-N-propylamine	n/a	=	60	%	EPA 625	-88	-88	0.1	230	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	N-Nitrosodiphenylamine	n/a	=	12.6	µg/L	EPA 625	0.19	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	N-Nitrosodiphenylamine	n/a	=	50	%	EPA 625	-88	-88	49	82	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	N-Nitrosodiphenylamine	n/a	=	11.4	µg/L	EPA 625	0.19	1			GB
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	N-Nitrosodiphenylamine	n/a	=	46	%	EPA 625	-88	-88	49	82	GB
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	N-Nitrosodiphenylamine	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	N-Nitrosodiphenylamine	n/a	=	17.3	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625	-88	-88	42	90	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	N-Nitrosodiphenylamine	n/a	=	13.8	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	N-Nitrosodiphenylamine	n/a	=	55	%	EPA 625	-88	-88	42	90	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	N-Nitrosodiphenylamine	n/a	=	23	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	N-Nitrosodiphenylamine	n/a	=	14	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	N-Nitrosodiphenylamine	n/a	=	56	%	EPA 625	-88	-88	42	90	
2015/16-5	Lab	srgt method blank	6/28/2016	Organic	Perylene-d12	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/28/2016	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	30	118	
2015/16-5	Lab	srgt LCS	6/28/2016	Organic	Perylene-d12	n/a	=	5.66	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/28/2016	Organic	Perylene-d12	n/a	=	113	%	EPA 525.2	-88	-88	30	118	
2015/16-5	Lab	srgt LCS dup	6/28/2016	Organic	Perylene-d12	n/a	=	5.89	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/28/2016	Organic	Perylene-d12	n/a	=	118	%	EPA 525.2	-88	-88	30	118	
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	Perylene-d12	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	Perylene-d12	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	30	118	
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	30	118	
2015/16-5	Lab	srgt LCS dup	6/29/2016	Organic	Perylene-d12	n/a	=	5.54	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup	6/29/2016	Organic	Perylene-d12	n/a	=	5.54	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/29/2016	Organic	Perylene-d12	n/a	=	111	%	EPA 525.2	-88	-88	30	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	
2015/16-5	Lab	srgt LCS dup, rec	6/29/2016	Organic	Perylene-d12	n/a	=	111	%	EPA 525.2	-88	-88	30	118	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	Perylene-d12	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	30	118	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	Perylene-d12	n/a	=	3.65	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	Perylene-d12	n/a	=	73	%	EPA 525.2	-88	-88	30	118	
2015/16-5	Lab	srgt method blank	7/13/2016	Organic	Perylene-d12	n/a	=	4.27	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/13/2016	Organic	Perylene-d12	n/a	=	85	%	EPA 525.2	-88	-88	30	118	
2015/16-5	Lab	srgt LCS	7/13/2016	Organic	Perylene-d12	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/13/2016	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	30	118	
2015/16-5	Lab	srgt LCS dup	7/13/2016	Organic	Perylene-d12	n/a	=	5.4	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	7/13/2016	Organic	Perylene-d12	n/a	=	108	%	EPA 525.2	-88	-88	30	118	
2015/16-5	ME-CC	srgt environ	7/13/2016	Organic	Perylene-d12	n/a	=	4.21	µg/L	EPA 525.2	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/13/2016	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	30	118	
2015/16-5	ME-SCR	srgt environ	6/29/2016	Organic	Perylene-d12	n/a	=	2.85	µg/L	EPA 525.2	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	6/29/2016	Organic	Perylene-d12	n/a	=	57	%	EPA 525.2	-88	-88	30	118	
2015/16-5	ME-VR2	srgt environ	6/28/2016	Organic	Perylene-d12	n/a	=	3.29	µg/L	EPA 525.2	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/28/2016	Organic	Perylene-d12	n/a	=	66	%	EPA 525.2	-88	-88	30	118	
2015/16-5	MO-CAM	srgt environ	7/13/2016	Organic	Perylene-d12	n/a	=	4.16	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/13/2016	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	30	118	
2015/16-5	MO-FIL	srgt environ	6/29/2016	Organic	Perylene-d12	n/a	=	3.42	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/29/2016	Organic	Perylene-d12	n/a	=	68	%	EPA 525.2	-88	-88	30	118	
2015/16-5	MO-HUE	srgt environ	6/28/2016	Organic	Perylene-d12	n/a	=	3.89	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/28/2016	Organic	Perylene-d12	n/a	=	78	%	EPA 525.2	-88	-88	30	118	
2015/16-5	MO-SIM	srgt environ	7/13/2016	Organic	Perylene-d12	n/a	=	2.96	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/13/2016	Organic	Perylene-d12	n/a	=	59	%	EPA 525.2	-88	-88	30	118	
2015/16-5	MO-THO	srgt environ	7/13/2016	Organic	Perylene-d12	n/a	=	3.74	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/13/2016	Organic	Perylene-d12	n/a	=	75	%	EPA 525.2	-88	-88	30	118	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Phenanthrene	n/a	=	17.3	µg/L	EPA 625	0.32	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Phenanthrene	n/a	=	69	%	EPA 625	-88	-88	54	120	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Phenanthrene	n/a	=	16.4	µg/L	EPA 625	0.32	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Phenanthrene	n/a	=	66	%	EPA 625	-88	-88	54	120	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Phenanthrene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Phenanthrene	n/a	=	22.9	µg/L	EPA 625	0.32	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Phenanthrene	n/a	=	92	%	EPA 625	-88	-88	54	120	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Phenanthrene	n/a	=	19.1	µg/L	EPA 625	0.32	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Phenanthrene	n/a	=	76	%	EPA 625	-88	-88	54	120	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Phenanthrene	n/a	=	18	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Phenanthrene	n/a	=	9.02	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Phenanthrene	n/a	=	90	%	EPA 8270C	-88	-88	21	131	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Phenanthrene	n/a	=	8.64	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Phenanthrene	n/a	=	86	%	EPA 8270C	-88	-88	21	131	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Phenanthrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Phenanthrene	n/a	=	19.2	µg/L	EPA 625	0.32	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Phenanthrene	n/a	=	77	%	EPA 625	-88	-88	54	120	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	method blank	7/2/2016	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Phenanthrene	n/a	=	8.09	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Phenanthrene	n/a	=	81	%	EPA 8270C	-88	-88	21	131	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Phenanthrene	n/a	=	6.81	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Phenanthrene	n/a	=	68	%	EPA 8270C	-88	-88	21	131	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Phenanthrene	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Phenol	n/a	=	7.04	µg/L	EPA 625	0.16	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Phenol	n/a	=	28	%	EPA 625	-88	-88	5	112	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Phenol	n/a	=	6.35	µg/L	EPA 625	0.16	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Phenol	n/a	=	25	%	EPA 625	-88	-88	5	112	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Phenol	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Phenol	n/a	=	7.31	µg/L	EPA 625	0.16	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Phenol	n/a	=	29	%	EPA 625	-88	-88	5	112	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Phenol	n/a	=	6.28	µg/L	EPA 625	0.16	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Phenol	n/a	=	25	%	EPA 625	-88	-88	5	112	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Phenol	n/a	=	15	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2015/16-5	Lab	LCS	6/28/2016	Organic	Phenol	n/a	=	3.85	µg/L	EPA 8270C	0.35	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Organic	Phenol	n/a	=	38	%	EPA 8270C	-88	-88	6	43	
2015/16-5	Lab	LCS dup	6/28/2016	Organic	Phenol	n/a	=	3.91	µg/L	EPA 8270C	0.35	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Organic	Phenol	n/a	=	39	%	EPA 8270C	-88	-88	6	43	
2015/16-5	Lab	LCS, RPD	6/28/2016	Organic	Phenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2015/16-5	Lab	LCS	6/30/2016	Organic	Phenol	n/a	=	3.19	µg/L	EPA 8270C	0.35	1			
2015/16-5	Lab	LCS, rec	6/30/2016	Organic	Phenol	n/a	=	32	%	EPA 8270C	-88	-88	6	43	
2015/16-5	Lab	LCS dup	6/30/2016	Organic	Phenol	n/a	=	2.69	µg/L	EPA 8270C	0.35	1			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Organic	Phenol	n/a	=	27	%	EPA 8270C	-88	-88	6	43	
2015/16-5	Lab	LCS, RPD	6/30/2016	Organic	Phenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Phenol	n/a	=	5.9	µg/L	EPA 625	0.16	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Phenol	n/a	=	24	%	EPA 625	-88	-88	5	112	
2015/16-5	000NONPJ	srgt matrix spike	7/2/2016	Organic	Phenol-d5	n/a	=	15	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/2/2016	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2015/16-5	000NONPJ	srgt matrix spike dup	7/2/2016	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/2/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2015/16-5	Lab	srgt method blank	6/27/2016	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/27/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2015/16-5	Lab	srgt LCS	6/27/2016	Organic	Phenol-d5	n/a	=	15.9	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/27/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	0.1	53	
2015/16-5	Lab	srgt LCS dup	6/27/2016	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/27/2016	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2015/16-5	Lab	srgt method blank	6/28/2016	Organic	Phenol-d5	n/a	=	2.79	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/28/2016	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2015/16-5	Lab	srgt LCS	6/28/2016	Organic	Phenol-d5	n/a	=	3.56	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/28/2016	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2015/16-5	Lab	srgt LCS dup	6/28/2016	Organic	Phenol-d5	n/a	=	3.57	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	srgt LCS dup, rec	6/28/2016	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2015/16-5	Lab	srgt method blank	6/30/2016	Organic	Phenol-d5	n/a	=	2.23	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/30/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2015/16-5	Lab	srgt LCS	6/30/2016	Organic	Phenol-d5	n/a	=	2.94	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/30/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2015/16-5	Lab	srgt LCS dup	6/30/2016	Organic	Phenol-d5	n/a	=	2.36	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/30/2016	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2015/16-5	Lab	srgt method blank	7/2/2016	Organic	Phenol-d5	n/a	=	14.6	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/2/2016	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	0.1	53	
2015/16-5	Lab	srgt LCS	7/2/2016	Organic	Phenol-d5	n/a	=	12.3	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/2/2016	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	0.1	53	
2015/16-5	ME-CC	srgt environ	6/30/2016	Organic	Phenol-d5	n/a	=	2.66	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	6/30/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2015/16-5	ME-CC	srgt environ	7/2/2016	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 625	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/2/2016	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	0.1	53	
2015/16-5	ME-SCR	srgt environ	6/30/2016	Organic	Phenol-d5	n/a	=	2.97	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	6/30/2016	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2015/16-5	ME-SCR	srgt environ	7/2/2016	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 625	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/2/2016	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	0.1	53	
2015/16-5	ME-VR2	srgt environ	6/27/2016	Organic	Phenol-d5	n/a	=	12	µg/L	EPA 625	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/27/2016	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	0.1	53	
2015/16-5	ME-VR2	srgt environ	6/28/2016	Organic	Phenol-d5	n/a	=	2.56	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/28/2016	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2015/16-5	MO-CAM	srgt environ	6/30/2016	Organic	Phenol-d5	n/a	=	2.18	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	6/30/2016	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2015/16-5	MO-CAM	srgt environ	7/2/2016	Organic	Phenol-d5	n/a	=	7.83	µg/L	EPA 625	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/2/2016	Organic	Phenol-d5	n/a	=	16	%	EPA 625	-88	-88	0.1	53	
2015/16-5	MO-FIL	srgt environ	6/27/2016	Organic	Phenol-d5	n/a	=	14.2	µg/L	EPA 625	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/27/2016	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	0.1	53	
2015/16-5	MO-FIL	srgt environ	6/30/2016	Organic	Phenol-d5	n/a	=	2.38	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/30/2016	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2015/16-5	MO-HUE	srgt environ	6/27/2016	Organic	Phenol-d5	n/a	=	10.2	µg/L	EPA 625	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/27/2016	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	0.1	53	
2015/16-5	MO-HUE	srgt environ	6/28/2016	Organic	Phenol-d5	n/a	=	2.33	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/28/2016	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2015/16-5	MO-SIM	srgt environ	6/30/2016	Organic	Phenol-d5	n/a	=	2.6	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	6/30/2016	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2015/16-5	MO-SIM	srgt environ	7/2/2016	Organic	Phenol-d5	n/a	=	11.4	µg/L	EPA 625	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/2/2016	Organic	Phenol-d5	n/a	=	23	%	EPA 625	-88	-88	0.1	53	
2015/16-5	MO-THO	srgt environ	6/30/2016	Organic	Phenol-d5	n/a	=	3.16	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	6/30/2016	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2015/16-5	MO-THO	srgt environ	7/2/2016	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/2/2016	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2015/16-5	000NONPJ	srgt matrix spike	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	12.3	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	49	%	EPA 625	-88	-88	28	113	
2015/16-5	000NONPJ	srgt matrix spike dup	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	12.5	µg/L	EPA 625	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	50	%	EPA 625	-88	-88	28	113	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	srgt method blank	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	13.2	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 625	-88	-88	28	113	
2015/16-5	Lab	srgt LCS	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	13.5	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 625	-88	-88	28	113	
2015/16-5	Lab	srgt LCS dup	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	11.6	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	47	%	EPA 625	-88	-88	28	113	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	p-Terphenyl-d14	n/a	=	2.26	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 8270C	-88	-88	19	134	
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	p-Terphenyl-d14	n/a	=	2.88	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 8270C	-88	-88	19	134	
2015/16-5	Lab	srgt LCS dup	6/29/2016	Organic	p-Terphenyl-d14	n/a	=	2.13	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/29/2016	Organic	p-Terphenyl-d14	n/a	=	43	%	EPA 8270C	-88	-88	19	134	
2015/16-5	Lab	srgt method blank	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	16.7	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	28	113	
2015/16-5	Lab	srgt LCS	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	16.9	µg/L	EPA 625	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	28	113	
2015/16-5	Lab	srgt method blank	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	5.43	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	109	%	EPA 8270C	-88	-88	19	134	
2015/16-5	Lab	srgt LCS	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	7.53	µg/L	EPA 8270C	-88	-88			GN
2015/16-5	Lab	srgt LCS, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	151	%	EPA 8270C	-88	-88	19	134	GN
2015/16-5	Lab	srgt LCS dup	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	5.89	µg/L	EPA 8270C	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	118	%	EPA 8270C	-88	-88	19	134	
2015/16-5	ME-CC	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	15.8	µg/L	EPA 625	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 625	-88	-88	28	113	
2015/16-5	ME-CC	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	6.56	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	131	%	EPA 8270C	-88	-88	19	134	
2015/16-5	ME-SCR	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	14.1	µg/L	EPA 625	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	57	%	EPA 625	-88	-88	28	113	
2015/16-5	ME-SCR	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	6.6	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	132	%	EPA 8270C	-88	-88	19	134	
2015/16-5	ME-VR2	srgt environ	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	11.3	µg/L	EPA 625	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 625	-88	-88	28	113	
2015/16-5	ME-VR2	srgt environ	6/29/2016	Organic	p-Terphenyl-d14	n/a	=	2.46	µg/L	EPA 8270C	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/29/2016	Organic	p-Terphenyl-d14	n/a	=	49	%	EPA 8270C	-88	-88	19	134	
2015/16-5	MO-CAM	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	4.56	µg/L	EPA 625	-88	-88			GN
2015/16-5	MO-CAM	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	18	%	EPA 625	-88	-88	28	113	GN
2015/16-5	MO-CAM	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	2.21	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	44	%	EPA 8270C	-88	-88	19	134	
2015/16-5	MO-FIL	srgt environ	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	11.8	µg/L	EPA 625	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	47	%	EPA 625	-88	-88	28	113	
2015/16-5	MO-FIL	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	6.49	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	130	%	EPA 8270C	-88	-88	19	134	
2015/16-5	MO-HUE	srgt environ	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	7.03	µg/L	EPA 625	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/27/2016	Organic	p-Terphenyl-d14	n/a	=	28	%	EPA 625	-88	-88	28	113	
2015/16-5	MO-HUE	srgt environ	6/29/2016	Organic	p-Terphenyl-d14	n/a	=	2.02	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/29/2016	Organic	p-Terphenyl-d14	n/a	=	40	%	EPA 8270C	-88	-88	19	134	
2015/16-5	MO-SIM	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	8.31	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	
2015/16-5	MO-SIM	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	33	%	EPA 625	-88	-88	28	113	
2015/16-5	MO-SIM	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	6.56	µg/L	EPA 8270C	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	131	%	EPA 8270C	-88	-88	19	134	
2015/16-5	MO-THO	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	16.1	µg/L	EPA 625	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 625	-88	-88	28	113	
2015/16-5	MO-THO	srgt environ	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	7.33	µg/L	EPA 8270C	-88	-88			GN
2015/16-5	MO-THO	srgt environ, rec	7/2/2016	Organic	p-Terphenyl-d14	n/a	=	147	%	EPA 8270C	-88	-88	19	134	GN
2015/16-5	000NONPJ	matrix spike	7/2/2016	Organic	Pyrene	n/a	=	16.7	µg/L	EPA 625	0.25	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Organic	Pyrene	n/a	=	67	%	EPA 625	-88	-88	52	115	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Organic	Pyrene	n/a	=	16.2	µg/L	EPA 625	0.25	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Organic	Pyrene	n/a	=	65	%	EPA 625	-88	-88	52	115	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Organic	Pyrene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/27/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	LCS	6/27/2016	Organic	Pyrene	n/a	=	22.4	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Organic	Pyrene	n/a	=	89	%	EPA 625	-88	-88	52	115	
2015/16-5	Lab	LCS dup	6/27/2016	Organic	Pyrene	n/a	=	19.7	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Organic	Pyrene	n/a	=	79	%	EPA 625	-88	-88	52	115	
2015/16-5	Lab	LCS, RPD	6/27/2016	Organic	Pyrene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	6/29/2016	Organic	Pyrene	n/a	=	10.8	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Organic	Pyrene	n/a	=	108	%	EPA 8270C	-88	-88	26	128	
2015/16-5	Lab	LCS dup	6/29/2016	Organic	Pyrene	n/a	=	8.97	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Organic	Pyrene	n/a	=	90	%	EPA 8270C	-88	-88	26	128	
2015/16-5	Lab	LCS, RPD	6/29/2016	Organic	Pyrene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/2/2016	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Pyrene	n/a	=	21.4	µg/L	EPA 625	0.25	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Pyrene	n/a	=	86	%	EPA 625	-88	-88	52	115	
2015/16-5	Lab	method blank	7/2/2016	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS	7/2/2016	Organic	Pyrene	n/a	=	10.1	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS, rec	7/2/2016	Organic	Pyrene	n/a	=	101	%	EPA 8270C	-88	-88	26	128	
2015/16-5	Lab	LCS dup	7/2/2016	Organic	Pyrene	n/a	=	8.39	µg/L	EPA 8270C	0.1	0.1			
2015/16-5	Lab	LCS dup, rec	7/2/2016	Organic	Pyrene	n/a	=	84	%	EPA 8270C	-88	-88	26	128	
2015/16-5	Lab	LCS, RPD	7/2/2016	Organic	Pyrene	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	srgt method blank	6/28/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0577	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/28/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	58	%	EPA 608	-88	-88	12	117	
2015/16-5	Lab	srgt LCS	6/28/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0685	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/28/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608	-88	-88	12	117	
2015/16-5	Lab	srgt LCS dup	6/28/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0554	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/28/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608	-88	-88	12	117	
2015/16-5	Lab	srgt method blank	6/30/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0522	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/30/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	12	117	
2015/16-5	Lab	srgt LCS	6/30/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0633	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/30/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	12	117	
2015/16-5	Lab	srgt LCS dup	6/30/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0511	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/30/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608	-88	-88	12	117	
2015/16-5	Lab	srgt method blank	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0799	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	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	
2015/16-5	Lab	srgt LCS	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0757	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608	-88	-88	12	117	
2015/16-5	Lab	srgt LCS dup	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0674	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608	-88	-88	12	117	
2015/16-5	ME-CC	srgt environ	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0753	µg/L	EPA 608	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608	-88	-88	12	117	
2015/16-5	ME-SCR	srgt environ	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0755	µg/L	EPA 608	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608	-88	-88	12	117	
2015/16-5	ME-VR2	srgt environ	6/28/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0636	µg/L	EPA 608	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/28/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608	-88	-88	12	117	
2015/16-5	MO-CAM	srgt environ	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0689	µg/L	EPA 608	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608	-88	-88	12	117	
2015/16-5	MO-FIL	srgt environ	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0755	µg/L	EPA 608	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	7/8/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608	-88	-88	12	117	
2015/16-5	MO-HUE	srgt environ	6/28/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0542	µg/L	EPA 608	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/28/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608	-88	-88	12	117	
2015/16-5	MO-SIM	srgt environ	7/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0753	µg/L	EPA 608	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608	-88	-88	12	117	
2015/16-5	MO-THO	srgt environ	7/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0733	µg/L	EPA 608	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/9/2016	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	12	117	
2015/16-5	000NONPJ	srgt matrix spike	6/17/2016	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	6/17/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-5	000NONPJ	srgt matrix spike dup	6/17/2016	Organic	Toluene-d8	n/a	=	50.9	µg/L	EPA 624	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	6/17/2016	Organic	Toluene-d8	n/a	=	102	%	EPA 624	-88	-88	92	112	
2015/16-5	Lab	srgt LCS	6/16/2016	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/16/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-5	Lab	srgt LCS dup	6/16/2016	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/16/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-5	Lab	srgt method blank	6/16/2016	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/16/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-5	Lab	srgt LCS	6/22/2016	Organic	Toluene-d8	n/a	=	50.2	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/22/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-5	Lab	srgt LCS dup	6/22/2016	Organic	Toluene-d8	n/a	=	49.5	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/22/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-5	Lab	srgt method blank	6/23/2016	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/23/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-5	Lab	srgt LCS	6/25/2016	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/25/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-5	Lab	srgt LCS dup	6/25/2016	Organic	Toluene-d8	n/a	=	49.4	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/25/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-5	Lab	srgt method blank	6/25/2016	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/25/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-5	ME-CC	srgt environ	6/25/2016	Organic	Toluene-d8	n/a	=	49.2	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	6/25/2016	Organic	Toluene-d8	n/a	=	98	%	EPA 624	-88	-88	92	112	
2015/16-5	ME-CC	srgt field duplicate	6/25/2016	Organic	Toluene-d8	n/a	=	49.7	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt field duplicate, rec	6/25/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-5	ME-CC	srgt matrix spike	6/25/2016	Organic	Toluene-d8	n/a	=	50.4	µg/L	EPA 624	-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	
2015/16-5	ME-CC	srgt matrix spike, rec	6/25/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-5	ME-CC	srgt matrix spike dup	6/25/2016	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624	-88	-88			
2015/16-5	ME-CC	srgt matrix spike dup, rec	6/25/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-5	ME-SCR	srgt environ	6/23/2016	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	6/23/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-5	ME-VR2	srgt environ	6/16/2016	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/16/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-5	MO-CAM	srgt environ	6/25/2016	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	6/25/2016	Organic	Toluene-d8	n/a	=	99	%	EPA 624	-88	-88	92	112	
2015/16-5	MO-HUE	srgt environ	6/16/2016	Organic	Toluene-d8	n/a	=	50.3	µg/L	EPA 624	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/16/2016	Organic	Toluene-d8	n/a	=	101	%	EPA 624	-88	-88	92	112	
2015/16-5	MO-SIM	srgt environ	6/25/2016	Organic	Toluene-d8	n/a	=	49.8	µg/L	EPA 624	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	6/25/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-5	MO-THO	srgt environ	6/25/2016	Organic	Toluene-d8	n/a	=	50.1	µg/L	EPA 624	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	6/25/2016	Organic	Toluene-d8	n/a	=	100	%	EPA 624	-88	-88	92	112	
2015/16-5	000NONPJ	srgt matrix spike	6/29/2016	Organic	Triphenylphosphate	n/a	=	0.61	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	000NONPJ	srgt matrix spike dup	7/5/2016	Organic	Triphenylphosphate	n/a	=	0.557	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/5/2016	Organic	Triphenylphosphate	n/a	=	111	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	000NONPJ	srgt matrix spike	7/5/2016	Organic	Triphenylphosphate	n/a	=	0.628	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/5/2016	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	000NONPJ	srgt matrix spike dup	7/5/2016	Organic	Triphenylphosphate	n/a	=	0.664	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/5/2016	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	000NONPJ	srgt matrix spike	7/6/2016	Organic	Triphenylphosphate	n/a	=	0.629	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/6/2016	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	000NONPJ	srgt matrix spike dup	7/6/2016	Organic	Triphenylphosphate	n/a	=	0.57	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/6/2016	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	000NONPJ	srgt matrix spike	7/7/2016	Organic	Triphenylphosphate	n/a	=	0.573	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike, rec	7/7/2016	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	000NONPJ	srgt matrix spike dup	7/7/2016	Organic	Triphenylphosphate	n/a	=	0.5	µg/L	EPA 525.2m	-88	-88			
2015/16-5	000NONPJ	srgt matrix spike dup, rec	7/7/2016	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt method blank	6/28/2016	Organic	Triphenylphosphate	n/a	=	6.78	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/28/2016	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2	-88	-88	70	149	
2015/16-5	Lab	srgt LCS	6/28/2016	Organic	Triphenylphosphate	n/a	=	7.09	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/28/2016	Organic	Triphenylphosphate	n/a	=	142	%	EPA 525.2	-88	-88	70	149	
2015/16-5	Lab	srgt LCS dup	6/28/2016	Organic	Triphenylphosphate	n/a	=	6.96	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/28/2016	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	70	149	
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	Triphenylphosphate	n/a	=	5.78	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	Triphenylphosphate	n/a	=	5.78	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	70	149	
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	70	149	
2015/16-5	Lab	srgt LCS dup	6/29/2016	Organic	Triphenylphosphate	n/a	=	5.89	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup	6/29/2016	Organic	Triphenylphosphate	n/a	=	5.89	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	149	
2015/16-5	Lab	srgt LCS dup, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	149	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	Triphenylphosphate	n/a	=	6.14	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	149	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	Triphenylphosphate	n/a	=	0.681	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt LCS	6/29/2016	Organic	Triphenylphosphate	n/a	=	0.715	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	143	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt method blank	6/29/2016	Organic	Triphenylphosphate	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	149	
2015/16-5	Lab	srgt method blank	7/5/2016	Organic	Triphenylphosphate	n/a	=	0.698	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/5/2016	Organic	Triphenylphosphate	n/a	=	140	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt LCS	7/5/2016	Organic	Triphenylphosphate	n/a	=	0.741	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/5/2016	Organic	Triphenylphosphate	n/a	=	148	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt method blank	7/6/2016	Organic	Triphenylphosphate	n/a	=	0.645	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/6/2016	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt LCS	7/6/2016	Organic	Triphenylphosphate	n/a	=	0.714	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/6/2016	Organic	Triphenylphosphate	n/a	=	143	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt method blank	7/6/2016	Organic	Triphenylphosphate	n/a	=	0.697	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/6/2016	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt LCS	7/6/2016	Organic	Triphenylphosphate	n/a	=	0.558	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/6/2016	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt LCS	7/7/2016	Organic	Triphenylphosphate	n/a	=	0.575	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/7/2016	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt method blank	7/7/2016	Organic	Triphenylphosphate	n/a	=	0.639	µg/L	EPA 525.2m	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/7/2016	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	Lab	srgt method blank	7/13/2016	Organic	Triphenylphosphate	n/a	=	6.43	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/13/2016	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	149	
2015/16-5	Lab	srgt LCS	7/13/2016	Organic	Triphenylphosphate	n/a	=	6.71	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/13/2016	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2	-88	-88	70	149	
2015/16-5	Lab	srgt LCS dup	7/13/2016	Organic	Triphenylphosphate	n/a	=	6.93	µg/L	EPA 525.2	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	7/13/2016	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	70	149	
2015/16-5	ME-CC	srgt environ	7/7/2016	Organic	Triphenylphosphate	n/a	=	0.618	µg/L	EPA 525.2m	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/7/2016	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	ME-CC	srgt environ	7/13/2016	Organic	Triphenylphosphate	n/a	=	6.88	µg/L	EPA 525.2	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/13/2016	Organic	Triphenylphosphate	n/a	=	138	%	EPA 525.2	-88	-88	70	149	
2015/16-5	ME-SCR	srgt environ	6/29/2016	Organic	Triphenylphosphate	n/a	=	6.29	µg/L	EPA 525.2	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	70	149	
2015/16-5	ME-SCR	srgt environ	7/6/2016	Organic	Triphenylphosphate	n/a	=	0.561	µg/L	EPA 525.2m	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/6/2016	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	ME-VR2	srgt environ	6/28/2016	Organic	Triphenylphosphate	n/a	=	6.87	µg/L	EPA 525.2	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/28/2016	Organic	Triphenylphosphate	n/a	=	137	%	EPA 525.2	-88	-88	70	149	
2015/16-5	ME-VR2	srgt environ	6/29/2016	Organic	Triphenylphosphate	n/a	=	0.664	µg/L	EPA 525.2m	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	MO-CAM	srgt environ	7/7/2016	Organic	Triphenylphosphate	n/a	=	0.366	µg/L	EPA 525.2m	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/7/2016	Organic	Triphenylphosphate	n/a	=	73	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	MO-CAM	srgt environ	7/13/2016	Organic	Triphenylphosphate	n/a	=	5.71	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/13/2016	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	149	
2015/16-5	MO-FIL	srgt environ	6/29/2016	Organic	Triphenylphosphate	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	70	149	
2015/16-5	MO-FIL	srgt environ	7/5/2016	Organic	Triphenylphosphate	n/a	=	0.593	µg/L	EPA 525.2m	-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	
2015/16-5	MO-FIL	srgt environ, rec	7/5/2016	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	MO-HUE	srgt environ	6/28/2016	Organic	Triphenylphosphate	n/a	=	6.49	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/28/2016	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	70	149	
2015/16-5	MO-HUE	srgt environ	6/29/2016	Organic	Triphenylphosphate	n/a	=	0.647	µg/L	EPA 525.2m	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/29/2016	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	MO-SIM	srgt environ	7/7/2016	Organic	Triphenylphosphate	n/a	=	0.559	µg/L	EPA 525.2m	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/7/2016	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	MO-SIM	srgt environ	7/13/2016	Organic	Triphenylphosphate	n/a	=	6.19	µg/L	EPA 525.2	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/13/2016	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	149	
2015/16-5	MO-THO	srgt environ	7/7/2016	Organic	Triphenylphosphate	n/a	=	0.599	µg/L	EPA 525.2m	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/7/2016	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2m	-88	-88	40	163	
2015/16-5	MO-THO	srgt environ	7/13/2016	Organic	Triphenylphosphate	n/a	=	7.76	µg/L	EPA 525.2	-88	-88			GN
2015/16-5	MO-THO	srgt environ, rec	7/13/2016	Organic	Triphenylphosphate	n/a	=	155	%	EPA 525.2	-88	-88	70	149	GN
2015/16-5	Lab	srgt method blank	6/28/2016	PCB	PCB 209	n/a	=	0.0914	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/28/2016	PCB	PCB 209	n/a	=	91	%	EPA 608	-88	-88	0.1	118	
2015/16-5	Lab	srgt LCS	6/28/2016	PCB	PCB 209	n/a	=	0.0965	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/28/2016	PCB	PCB 209	n/a	=	97	%	EPA 608	-88	-88	0.1	118	
2015/16-5	Lab	srgt LCS dup	6/28/2016	PCB	PCB 209	n/a	=	0.0883	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/28/2016	PCB	PCB 209	n/a	=	88	%	EPA 608	-88	-88	0.1	118	
2015/16-5	Lab	srgt method blank	6/30/2016	PCB	PCB 209	n/a	=	0.0818	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt method blank, rec	6/30/2016	PCB	PCB 209	n/a	=	82	%	EPA 608	-88	-88	0.1	118	
2015/16-5	Lab	srgt LCS	6/30/2016	PCB	PCB 209	n/a	=	0.0901	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS, rec	6/30/2016	PCB	PCB 209	n/a	=	90	%	EPA 608	-88	-88	0.1	118	
2015/16-5	Lab	srgt LCS dup	6/30/2016	PCB	PCB 209	n/a	=	0.0832	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	6/30/2016	PCB	PCB 209	n/a	=	83	%	EPA 608	-88	-88	0.1	118	
2015/16-5	Lab	srgt method blank	7/8/2016	PCB	PCB 209	n/a	=	0.0961	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt method blank, rec	7/8/2016	PCB	PCB 209	n/a	=	96	%	EPA 608	-88	-88	0.1	118	
2015/16-5	Lab	srgt LCS	7/8/2016	PCB	PCB 209	n/a	=	0.0951	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS, rec	7/8/2016	PCB	PCB 209	n/a	=	95	%	EPA 608	-88	-88	0.1	118	
2015/16-5	Lab	srgt LCS dup	7/8/2016	PCB	PCB 209	n/a	=	0.0914	µg/L	EPA 608	-88	-88			
2015/16-5	Lab	srgt LCS dup, rec	7/8/2016	PCB	PCB 209	n/a	=	91	%	EPA 608	-88	-88	0.1	118	
2015/16-5	ME-CC	srgt environ	7/8/2016	PCB	PCB 209	n/a	=	0.0908	µg/L	EPA 608	-88	-88			
2015/16-5	ME-CC	srgt environ, rec	7/8/2016	PCB	PCB 209	n/a	=	91	%	EPA 608	-88	-88	0.1	118	
2015/16-5	ME-SCR	srgt environ	7/8/2016	PCB	PCB 209	n/a	=	0.0761	µg/L	EPA 608	-88	-88			
2015/16-5	ME-SCR	srgt environ, rec	7/8/2016	PCB	PCB 209	n/a	=	76	%	EPA 608	-88	-88	0.1	118	
2015/16-5	ME-VR2	srgt environ	6/28/2016	PCB	PCB 209	n/a	=	0.0743	µg/L	EPA 608	-88	-88			
2015/16-5	ME-VR2	srgt environ, rec	6/28/2016	PCB	PCB 209	n/a	=	74	%	EPA 608	-88	-88	0.1	118	
2015/16-5	MO-CAM	srgt environ	7/8/2016	PCB	PCB 209	n/a	=	0.0676	µg/L	EPA 608	-88	-88			
2015/16-5	MO-CAM	srgt environ, rec	7/8/2016	PCB	PCB 209	n/a	=	68	%	EPA 608	-88	-88	0.1	118	
2015/16-5	MO-FIL	srgt environ	7/8/2016	PCB	PCB 209	n/a	=	0.112	µg/L	EPA 608	-88	-88			
2015/16-5	MO-FIL	srgt environ, rec	7/8/2016	PCB	PCB 209	n/a	=	112	%	EPA 608	-88	-88	0.1	118	
2015/16-5	MO-HUE	srgt environ	6/28/2016	PCB	PCB 209	n/a	=	0.0619	µg/L	EPA 608	-88	-88			
2015/16-5	MO-HUE	srgt environ, rec	6/28/2016	PCB	PCB 209	n/a	=	62	%	EPA 608	-88	-88	0.1	118	
2015/16-5	MO-SIM	srgt environ	7/9/2016	PCB	PCB 209	n/a	=	0.0961	µg/L	EPA 608	-88	-88			
2015/16-5	MO-SIM	srgt environ, rec	7/9/2016	PCB	PCB 209	n/a	=	96	%	EPA 608	-88	-88	0.1	118	
2015/16-5	MO-THO	srgt environ	7/9/2016	PCB	PCB 209	n/a	=	0.0941	µg/L	EPA 608	-88	-88			
2015/16-5	MO-THO	srgt environ, rec	7/9/2016	PCB	PCB 209	n/a	=	94	%	EPA 608	-88	-88	0.1	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	
2015/16-5	Lab	method blank	6/28/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-5	Lab	method blank	6/30/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-5	Lab	method blank	7/8/2016	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2015/16-5	Lab	method blank	6/28/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-5	Lab	method blank	6/30/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-5	Lab	method blank	7/8/2016	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-5	Lab	method blank	6/28/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-5	Lab	method blank	6/30/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-5	Lab	method blank	7/8/2016	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2015/16-5	Lab	method blank	6/28/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-5	Lab	method blank	6/30/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-5	Lab	method blank	7/8/2016	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2015/16-5	Lab	method blank	6/28/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-5	Lab	method blank	6/30/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-5	Lab	method blank	7/8/2016	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2015/16-5	Lab	method blank	6/28/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-5	Lab	method blank	6/30/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-5	Lab	method blank	7/8/2016	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-5	Lab	method blank	6/28/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-5	Lab	method blank	6/30/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-5	Lab	method blank	7/8/2016	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	2,4,5-T	n/a	=	4.27	µg/L	EPA 515.3	0.07	0.2			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	2,4,5-T	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	2,4,5-T	n/a	=	4.33	µg/L	EPA 515.3	0.07	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	2,4,5-T	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	2,4,5-T	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	2,4,5-T	n/a	=	3.9	µg/L	EPA 515.3	0.07	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	2,4,5-T	n/a	=	4.03	µg/L	EPA 515.3	0.07	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	2,4,5-T	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	2,4,5-T	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	2,4,5-T	n/a	=	3.92	µg/L	EPA 515.3	0.07	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	2,4,5-T	n/a	=	3.93	µg/L	EPA 515.3	0.07	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	2,4,5-T	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	2,4,5-T	n/a	=	4.03	µg/L	EPA 515.3	0.07	0.2			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	2,4,5-T	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	2,4,5-T	n/a	=	3.94	µg/L	EPA 515.3	0.07	0.2			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	2,4,5-TP	n/a	=	4.05	µg/L	EPA 515.3	0.09	0.2			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	2,4,5-TP	n/a	=	3.98	µg/L	EPA 515.3	0.09	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	2,4,5-TP	n/a	=	2	%	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	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	2,4,5-TP	n/a	=	4.06	µg/L	EPA 515.3	0.09	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	2,4,5-TP	n/a	=	3.97	µg/L	EPA 515.3	0.09	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	2,4,5-TP	n/a	=	3.78	µg/L	EPA 515.3	0.09	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	2,4,5-TP	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	2,4,5-TP	n/a	=	3.77	µg/L	EPA 515.3	0.09	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	2,4,5-TP	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	2,4,5-TP	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	2,4,5-TP	n/a	=	3.91	µg/L	EPA 515.3	0.09	0.2			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	2,4,5-TP	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	2,4,5-TP	n/a	=	3.78	µg/L	EPA 515.3	0.09	0.2			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	2,4,5-TP	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	2,4-D	n/a	=	8.22	µg/L	EPA 515.3	0.07	0.4			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	2,4-D	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	2,4-D	n/a	=	8.43	µg/L	EPA 515.3	0.07	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	2,4-D	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	2,4-D	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	2,4-D	n/a	=	8.54	µg/L	EPA 515.3	0.07	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	2,4-D	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	2,4-D	n/a	=	7.99	µg/L	EPA 515.3	0.07	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	2,4-D	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	2,4-D	n/a	=	7	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	2,4-D	n/a	=	8.1	µg/L	EPA 515.3	0.07	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	2,4-D	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	2,4-D	n/a	=	8.4	µg/L	EPA 515.3	0.07	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	2,4-D	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	2,4-D	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	2,4-D	n/a	=	7.75	µg/L	EPA 515.3	0.07	0.4			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	2,4-D	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	2,4-D	n/a	=	8.66	µg/L	EPA 515.3	0.07	0.4			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	2,4-D	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	2,4-DB	n/a	=	16.2	µg/L	EPA 515.3	0.07	2			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	2,4-DB	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	2,4-DB	n/a	=	16.8	µg/L	EPA 515.3	0.07	2			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	2,4-DB	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	2,4-DB	n/a	=	15	µg/L	EPA 515.3	0.07	2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	2,4-DB	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	2,4-DB	n/a	=	15.4	µg/L	EPA 515.3	0.07	2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	2,4-DB	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	2,4-DB	n/a	=	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	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	2,4-DB	n/a	=	14.9	µg/L	EPA 515.3	0.07	2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	2,4-DB	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	2,4-DB	n/a	=	15	µg/L	EPA 515.3	0.07	2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	2,4-DB	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	2,4-DB	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	2,4-DB	n/a	=	15.1	µg/L	EPA 515.3	0.07	2			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	2,4-DB	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	2,4-DB	n/a	=	16.8	µg/L	EPA 515.3	0.07	2			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.04	µg/L	EPA 515.3	0.09	1			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.08	µg/L	EPA 515.3	0.09	1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.81	µg/L	EPA 515.3	0.09	1			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.97	µg/L	EPA 515.3	0.09	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.88	µg/L	EPA 515.3	0.09	1			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.74	µg/L	EPA 515.3	0.09	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.96	µg/L	EPA 515.3	0.09	1			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.82	µg/L	EPA 515.3	0.09	1			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	4,4'-DDD	n/a	=	0.0872	µg/L	EPA 608	0.003	0.05			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	4,4'-DDD	n/a	=	87	%	EPA 608	-88	-88	42	133	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	4,4'-DDD	n/a	=	0.0813	µg/L	EPA 608	0.003	0.05			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	4,4'-DDD	n/a	=	81	%	EPA 608	-88	-88	42	133	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	4,4'-DDD	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	4,4'-DDD	n/a	=	0.0785	µg/L	EPA 608	0.003	0.05			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	4,4'-DDD	n/a	=	79	%	EPA 608	-88	-88	42	133	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	4,4'-DDD	n/a	=	0.073	µg/L	EPA 608	0.003	0.05			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	4,4'-DDD	n/a	=	73	%	EPA 608	-88	-88	42	133	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	4,4'-DDD	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	4,4'-DDD	n/a	=	0.0973	µg/L	EPA 608	0.003	0.05			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	4,4'-DDD	n/a	=	97	%	EPA 608	-88	-88	42	133	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	4,4'-DDD	n/a	=	0.0927	µg/L	EPA 608	0.003	0.05			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	4,4'-DDD	n/a	=	93	%	EPA 608	-88	-88	42	133	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	4,4'-DDD	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	4,4'-DDE	n/a	=	0.0811	µg/L	EPA 608	0.0025	0.05			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	4,4'-DDE	n/a	=	81	%	EPA 608	-88	-88	33	126	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	4,4'-DDE	n/a	=	0.0774	µg/L	EPA 608	0.0025	0.05			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	4,4'-DDE	n/a	=	77	%	EPA 608	-88	-88	33	126	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	4,4'-DDE	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	4,4'-DDE	n/a	DNQ	0.0042	µg/L	EPA 608	0.0025	0.05			IP
2015/16-5	Lab	LCS	6/30/2016	Pesticide	4,4'-DDE	n/a	=	0.0751	µg/L	EPA 608	0.0025	0.05			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	4,4'-DDE	n/a	=	75	%	EPA 608	-88	-88	33	126	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	4,4'-DDE	n/a	=	0.0719	µg/L	EPA 608	0.0025	0.05			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	4,4'-DDE	n/a	=	72	%	EPA 608	-88	-88	33	126	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	4,4'-DDE	n/a	=	0.0971	µg/L	EPA 608	0.0025	0.05			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	4,4'-DDE	n/a	=	97	%	EPA 608	-88	-88	33	126	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	4,4'-DDE	n/a	=	0.0955	µg/L	EPA 608	0.0025	0.05			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	4,4'-DDE	n/a	=	96	%	EPA 608	-88	-88	33	126	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	4,4'-DDE	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	4,4'-DDT	n/a	=	0.0927	µg/L	EPA 608	0.0031	0.01			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	4,4'-DDT	n/a	=	93	%	EPA 608	-88	-88	35	147	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	4,4'-DDT	n/a	=	0.0846	µg/L	EPA 608	0.0031	0.01			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	4,4'-DDT	n/a	=	85	%	EPA 608	-88	-88	35	147	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	4,4'-DDT	n/a	=	9	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	4,4'-DDT	n/a	=	0.0939	µg/L	EPA 608	0.0031	0.01			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	4,4'-DDT	n/a	=	94	%	EPA 608	-88	-88	35	147	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	4,4'-DDT	n/a	=	0.0838	µg/L	EPA 608	0.0031	0.01			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	4,4'-DDT	n/a	=	84	%	EPA 608	-88	-88	35	147	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	4,4'-DDT	n/a	=	11	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	4,4'-DDT	n/a	=	0.117	µg/L	EPA 608	0.0031	0.01			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	4,4'-DDT	n/a	=	117	%	EPA 608	-88	-88	35	147	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	4,4'-DDT	n/a	=	0.105	µg/L	EPA 608	0.0031	0.01			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	4,4'-DDT	n/a	=	105	%	EPA 608	-88	-88	35	147	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	4,4'-DDT	n/a	=	11	%	EPA 608	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	Acifluorfen	n/a	=	4.17	µg/L	EPA 515.3	0.06	0.4			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	Acifluorfen	n/a	=	4.42	µg/L	EPA 515.3	0.06	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	Acifluorfen	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	Acifluorfen	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Acifluorfen	n/a	=	4.05	µg/L	EPA 515.3	0.06	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Acifluorfen	n/a	=	4.16	µg/L	EPA 515.3	0.06	0.4			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Acifluorfen	n/a	=	4.1	µg/L	EPA 515.3	0.06	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Acifluorfen	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Acifluorfen	n/a	=	4.16	µg/L	EPA 515.3	0.06	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Acifluorfen	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Acifluorfen	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	Acifluorfen	n/a	=	3.98	µg/L	EPA 515.3	0.06	0.4			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	Acifluorfen	n/a	=	4.03	µg/L	EPA 515.3	0.06	0.4			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Alachlor	n/a	=	4.53	µg/L	EPA 525.2	0.022	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Alachlor	n/a	=	91	%	EPA 525.2	-88	-88	55	124	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Alachlor	n/a	=	4.6	µg/L	EPA 525.2	0.022	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Alachlor	n/a	=	92	%	EPA 525.2	-88	-88	55	124	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Alachlor	n/a	=	5.05	µg/L	EPA 525.2	0.022	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Alachlor	n/a	=	101	%	EPA 525.2	-88	-88	55	124	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Alachlor	n/a	=	5.13	µg/L	EPA 525.2	0.022	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Alachlor	n/a	=	103	%	EPA 525.2	-88	-88	55	124	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Alachlor	n/a	=	4.97	µg/L	EPA 525.2	0.022	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Alachlor	n/a	=	99	%	EPA 525.2	-88	-88	55	124	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Alachlor	n/a	=	4.82	µg/L	EPA 525.2	0.022	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Alachlor	n/a	=	96	%	EPA 525.2	-88	-88	55	124	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Alachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Aldrin	n/a	=	0.0629	µg/L	EPA 608	0.0015	0.005			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Aldrin	n/a	=	63	%	EPA 608	-88	-88	18	117	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Aldrin	n/a	=	0.0682	µg/L	EPA 608	0.0015	0.005			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Aldrin	n/a	=	68	%	EPA 608	-88	-88	18	117	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Aldrin	n/a	=	8	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	Aldrin	n/a	=	0.0584	µg/L	EPA 608	0.0015	0.005			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	Aldrin	n/a	=	58	%	EPA 608	-88	-88	18	117	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	Aldrin	n/a	=	0.0624	µg/L	EPA 608	0.0015	0.005			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	Aldrin	n/a	=	62	%	EPA 608	-88	-88	18	117	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	Aldrin	n/a	=	7	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	Aldrin	n/a	=	0.0822	µg/L	EPA 608	0.0015	0.005			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	Aldrin	n/a	=	82	%	EPA 608	-88	-88	18	117	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	Aldrin	n/a	=	0.0858	µg/L	EPA 608	0.0015	0.005			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	Aldrin	n/a	=	86	%	EPA 608	-88	-88	18	117	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	Aldrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	alpha-BHC	n/a	=	0.0783	µg/L	EPA 608	0.0018	0.01			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	alpha-BHC	n/a	=	78	%	EPA 608	-88	-88	47	119	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	alpha-BHC	n/a	=	0.0796	µg/L	EPA 608	0.0018	0.01			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	alpha-BHC	n/a	=	80	%	EPA 608	-88	-88	47	119	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	alpha-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	alpha-BHC	n/a	=	0.0718	µg/L	EPA 608	0.0018	0.01			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	alpha-BHC	n/a	=	72	%	EPA 608	-88	-88	47	119	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	alpha-BHC	n/a	=	0.072	µg/L	EPA 608	0.0018	0.01			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	alpha-BHC	n/a	=	72	%	EPA 608	-88	-88	47	119	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	alpha-BHC	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	alpha-BHC	n/a	=	0.0963	µg/L	EPA 608	0.0018	0.01			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	alpha-BHC	n/a	=	96	%	EPA 608	-88	-88	47	119	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	alpha-BHC	n/a	=	0.0932	µg/L	EPA 608	0.0018	0.01			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	alpha-BHC	n/a	=	93	%	EPA 608	-88	-88	47	119	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	alpha-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-5	Lab	method blank	6/30/2016	Pesticide	alpha-Chlordane	n/a	DNQ	0.0041	µg/L	EPA 608	0.0041	0.01			IP
2015/16-5	Lab	method blank	7/8/2016	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Atrazine	n/a	=	6.23	µg/L	EPA 525.2	0.034	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Atrazine	n/a	=	125	%	EPA 525.2	-88	-88	67	131	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Atrazine	n/a	=	5.03	µg/L	EPA 525.2	0.034	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Atrazine	n/a	=	101	%	EPA 525.2	-88	-88	67	131	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Atrazine	n/a	=	21	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Atrazine	n/a	=	5.42	µg/L	EPA 525.2	0.034	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	67	131	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Atrazine	n/a	=	5.57	µg/L	EPA 525.2	0.034	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Atrazine	n/a	=	111	%	EPA 525.2	-88	-88	67	131	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Atrazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Atrazine	n/a	=	6.03	µg/L	EPA 525.2	0.034	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Atrazine	n/a	=	121	%	EPA 525.2	-88	-88	67	131	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Atrazine	n/a	=	5.65	µg/L	EPA 525.2	0.034	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Atrazine	n/a	=	113	%	EPA 525.2	-88	-88	67	131	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Atrazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Azinphos methyl	n/a	=	0.0578	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Azinphos methyl	n/a	=	116	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Azinphos methyl	n/a	=	0.072	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Azinphos methyl	n/a	=	144	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Azinphos methyl	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Azinphos methyl	n/a	=	0.0461	µg/L	EPA 525.2m	0.0055	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Azinphos methyl	n/a	=	92	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Azinphos methyl	n/a	=	0.049	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Azinphos methyl	n/a	=	98	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Azinphos methyl	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Azinphos methyl	n/a	=	0.0648	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Azinphos methyl	n/a	=	130	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Azinphos methyl	n/a	=	0.0756	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Azinphos methyl	n/a	=	151	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Azinphos methyl	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Azinphos methyl	n/a	=	0.0629	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Azinphos methyl	n/a	=	126	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Azinphos methyl	n/a	=	0.0691	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Azinphos methyl	n/a	=	138	%	EPA 525.2m	-88	-88	0.1	154	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Azinphos methyl	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Azinphos methyl	n/a	=	0.0913	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Azinphos methyl	n/a	=	183	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Azinphos methyl	n/a	=	0.0534	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Azinphos methyl	n/a	=	107	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Azinphos methyl	n/a	=	0.0511	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Azinphos methyl	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Azinphos methyl	n/a	=	0.0488	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Azinphos methyl	n/a	=	98	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2m	0.0055	0.01			
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	Bentazon	n/a	=	15.7	µg/L	EPA 515.3	0.11	2			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	Bentazon	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	Bentazon	n/a	=	16.1	µg/L	EPA 515.3	0.11	2			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	Bentazon	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	Bentazon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Bentazon	n/a	=	15.5	µg/L	EPA 515.3	0.11	2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Bentazon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Bentazon	n/a	=	15.9	µg/L	EPA 515.3	0.11	2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Bentazon	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Bentazon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Bentazon	n/a	=	15.2	µg/L	EPA 515.3	0.11	2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Bentazon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Bentazon	n/a	=	15.4	µg/L	EPA 515.3	0.11	2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Bentazon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Bentazon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	Bentazon	n/a	=	15.3	µg/L	EPA 515.3	0.11	2			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	Bentazon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	Bentazon	n/a	=	15.5	µg/L	EPA 515.3	0.11	2			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	Bentazon	n/a	=	97	%	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	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	beta-BHC	n/a	=	0.0746	µg/L	EPA 608	0.0031	0.005			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	beta-BHC	n/a	=	75	%	EPA 608	-88	-88	53	123	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	beta-BHC	n/a	=	0.0779	µg/L	EPA 608	0.0031	0.005			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	beta-BHC	n/a	=	78	%	EPA 608	-88	-88	53	123	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	beta-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	beta-BHC	n/a	=	0.0691	µg/L	EPA 608	0.0031	0.005			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	beta-BHC	n/a	=	69	%	EPA 608	-88	-88	53	123	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	beta-BHC	n/a	=	0.0714	µg/L	EPA 608	0.0031	0.005			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	beta-BHC	n/a	=	71	%	EPA 608	-88	-88	53	123	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	beta-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	beta-BHC	n/a	=	0.0919	µg/L	EPA 608	0.0031	0.005			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	beta-BHC	n/a	=	92	%	EPA 608	-88	-88	53	123	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	beta-BHC	n/a	=	0.0893	µg/L	EPA 608	0.0031	0.005			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	beta-BHC	n/a	=	89	%	EPA 608	-88	-88	53	123	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	beta-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Bolstar	n/a	=	0.0538	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Bolstar	n/a	=	108	%	EPA 525.2m	-88	-88	4	184	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Bolstar	n/a	=	0.0525	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Bolstar	n/a	=	105	%	EPA 525.2m	-88	-88	4	184	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Bolstar	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Bolstar	n/a	=	0.043	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Bolstar	n/a	=	86	%	EPA 525.2m	-88	-88	4	184	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Bolstar	n/a	=	0.0398	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Bolstar	n/a	=	80	%	EPA 525.2m	-88	-88	4	184	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Bolstar	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Bolstar	n/a	=	0.0319	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Bolstar	n/a	=	64	%	EPA 525.2m	-88	-88	4	184	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Bolstar	n/a	=	0.0356	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Bolstar	n/a	=	71	%	EPA 525.2m	-88	-88	4	184	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Bolstar	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Bolstar	n/a	=	0.0441	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Bolstar	n/a	=	88	%	EPA 525.2m	-88	-88	4	184	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Bolstar	n/a	=	0.0325	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Bolstar	n/a	=	65	%	EPA 525.2m	-88	-88	4	184	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Bolstar	n/a	=	30	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Bolstar	n/a	=	0.0454	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Bolstar	n/a	=	91	%	EPA 525.2m	-88	-88	11	166	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Bolstar	n/a	=	0.0477	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Bolstar	n/a	=	95	%	EPA 525.2m	-88	-88	11	166	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Bolstar	n/a	=	0.0257	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Bolstar	n/a	=	51	%	EPA 525.2m	-88	-88	11	166	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Bolstar	n/a	=	0.0299	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Bolstar	n/a	=	60	%	EPA 525.2m	-88	-88	11	166	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2m	0.0046	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Bromacil	n/a	=	5.79	µg/L	EPA 525.2	0.038	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Bromacil	n/a	=	116	%	EPA 525.2	-88	-88	62	139	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Bromacil	n/a	=	5.76	µg/L	EPA 525.2	0.038	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Bromacil	n/a	=	115	%	EPA 525.2	-88	-88	62	139	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Bromacil	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Bromacil	n/a	=	6.07	µg/L	EPA 525.2	0.038	1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Bromacil	n/a	=	121	%	EPA 525.2	-88	-88	62	139	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Bromacil	n/a	=	5.87	µg/L	EPA 525.2	0.038	1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Bromacil	n/a	=	117	%	EPA 525.2	-88	-88	62	139	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Bromacil	n/a	=	6.25	µg/L	EPA 525.2	0.038	1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Bromacil	n/a	=	125	%	EPA 525.2	-88	-88	62	139	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Bromacil	n/a	=	5.9	µg/L	EPA 525.2	0.038	1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Bromacil	n/a	=	118	%	EPA 525.2	-88	-88	62	139	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Bromacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Butachlor	n/a	=	4.95	µg/L	EPA 525.2	0.017	0.2			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Butachlor	n/a	=	99	%	EPA 525.2	-88	-88	61	127	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Butachlor	n/a	=	4.8	µg/L	EPA 525.2	0.017	0.2			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Butachlor	n/a	=	96	%	EPA 525.2	-88	-88	61	127	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Butachlor	n/a	=	5.16	µg/L	EPA 525.2	0.017	0.2			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Butachlor	n/a	=	103	%	EPA 525.2	-88	-88	61	127	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Butachlor	n/a	=	5.16	µg/L	EPA 525.2	0.017	0.2			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Butachlor	n/a	=	103	%	EPA 525.2	-88	-88	61	127	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Butachlor	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Butachlor	n/a	=	5.19	µg/L	EPA 525.2	0.017	0.2			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Butachlor	n/a	=	104	%	EPA 525.2	-88	-88	61	127	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Butachlor	n/a	=	5.01	µg/L	EPA 525.2	0.017	0.2			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Butachlor	n/a	=	100	%	EPA 525.2	-88	-88	61	127	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Butachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Captan	n/a	=	4.48	µg/L	EPA 525.2	0.86	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Captan	n/a	=	90	%	EPA 525.2	-88	-88	14	159	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Captan	n/a	=	4.26	µg/L	EPA 525.2	0.86	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Captan	n/a	=	85	%	EPA 525.2	-88	-88	14	159	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Captan	n/a	=	3.7	µg/L	EPA 525.2	0.86	1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Captan	n/a	=	74	%	EPA 525.2	-88	-88	14	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	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Captan	n/a	=	3.73	µg/L	EPA 525.2	0.86	1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Captan	n/a	=	75	%	EPA 525.2	-88	-88	14	159	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Captan	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Captan	n/a	=	3.92	µg/L	EPA 525.2	0.86	1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Captan	n/a	=	78	%	EPA 525.2	-88	-88	14	159	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Captan	n/a	=	3.92	µg/L	EPA 525.2	0.86	1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Captan	n/a	=	78	%	EPA 525.2	-88	-88	14	159	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Captan	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Chloropropham	n/a	=	5.96	µg/L	EPA 525.2	0.01	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Chloropropham	n/a	=	119	%	EPA 525.2	-88	-88	77	143	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Chloropropham	n/a	=	5.48	µg/L	EPA 525.2	0.01	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Chloropropham	n/a	=	110	%	EPA 525.2	-88	-88	77	143	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Chloropropham	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Chloropropham	n/a	=	5.3	µg/L	EPA 525.2	0.01	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Chloropropham	n/a	=	106	%	EPA 525.2	-88	-88	77	143	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Chloropropham	n/a	=	5.33	µg/L	EPA 525.2	0.01	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Chloropropham	n/a	=	107	%	EPA 525.2	-88	-88	77	143	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Chloropropham	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Chloropropham	n/a	=	5.55	µg/L	EPA 525.2	0.01	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Chloropropham	n/a	=	111	%	EPA 525.2	-88	-88	77	143	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Chloropropham	n/a	=	5.47	µg/L	EPA 525.2	0.01	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Chloropropham	n/a	=	109	%	EPA 525.2	-88	-88	77	143	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Chloropropham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Chlorpyrifos	n/a	=	0.0574	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Chlorpyrifos	n/a	=	115	%	EPA 525.2m	-88	-88	37	168	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Chlorpyrifos	n/a	=	0.0482	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Chlorpyrifos	n/a	=	96	%	EPA 525.2m	-88	-88	37	168	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Chlorpyrifos	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Chlorpyrifos	n/a	=	0.053	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Chlorpyrifos	n/a	=	106	%	EPA 525.2m	-88	-88	37	168	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Chlorpyrifos	n/a	=	0.0493	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Chlorpyrifos	n/a	=	99	%	EPA 525.2m	-88	-88	37	168	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Chlorpyrifos	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Chlorpyrifos	n/a	=	0.0537	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Chlorpyrifos	n/a	=	107	%	EPA 525.2m	-88	-88	37	168	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Chlorpyrifos	n/a	=	0.052	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Chlorpyrifos	n/a	=	104	%	EPA 525.2m	-88	-88	37	168	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Chlorpyrifos	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Chlorpyrifos	n/a	=	0.0503	µg/L	EPA 525.2m	0.0069	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Chlorpyrifos	n/a	=	101	%	EPA 525.2m	-88	-88	37	168	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Chlorpyrifos	n/a	=	0.0444	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Chlorpyrifos	n/a	=	89	%	EPA 525.2m	-88	-88	37	168	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Chlorpyrifos	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Chlorpyrifos	n/a	=	0.0589	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Chlorpyrifos	n/a	=	118	%	EPA 525.2m	-88	-88	37	169	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Chlorpyrifos	n/a	=	0.0609	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Chlorpyrifos	n/a	=	122	%	EPA 525.2m	-88	-88	37	169	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Chlorpyrifos	n/a	=	0.0514	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Chlorpyrifos	n/a	=	103	%	EPA 525.2m	-88	-88	37	169	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Chlorpyrifos	n/a	=	0.0432	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Chlorpyrifos	n/a	=	86	%	EPA 525.2m	-88	-88	37	169	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2m	0.0069	0.01			
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Coumaphos	n/a	=	0.043	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Coumaphos	n/a	=	86	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Coumaphos	n/a	=	0.059	µg/L	EPA 525.2m	0.0051	0.01			IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Coumaphos	n/a	=	118	%	EPA 525.2m	-88	-88	0.1	203	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Coumaphos	n/a	=	31	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Coumaphos	n/a	=	0.0376	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Coumaphos	n/a	=	75	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Coumaphos	n/a	=	0.0366	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Coumaphos	n/a	=	73	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Coumaphos	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Coumaphos	n/a	=	0.066	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Coumaphos	n/a	=	132	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Coumaphos	n/a	=	0.0801	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Coumaphos	n/a	=	160	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Coumaphos	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Coumaphos	n/a	=	0.065	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Coumaphos	n/a	=	130	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Coumaphos	n/a	=	0.0663	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Coumaphos	n/a	=	133	%	EPA 525.2m	-88	-88	0.1	203	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Coumaphos	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Coumaphos	n/a	=	0.0582	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Coumaphos	n/a	=	116	%	EPA 525.2m	-88	-88	0.1	225	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Coumaphos	n/a	=	0.0463	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Coumaphos	n/a	=	93	%	EPA 525.2m	-88	-88	0.1	225	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Coumaphos	n/a	=	0.0668	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Coumaphos	n/a	=	134	%	EPA 525.2m	-88	-88	0.1	225	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Coumaphos	n/a	=	0.0732	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Coumaphos	n/a	=	146	%	EPA 525.2m	-88	-88	0.1	225	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2m	0.0051	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Cyanazine	n/a	=	6.06	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Cyanazine	n/a	=	121	%	EPA 525.2	-88	-88	61	129	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Cyanazine	n/a	=	5.68	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Cyanazine	n/a	=	114	%	EPA 525.2	-88	-88	61	129	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Cyanazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Cyanazine	n/a	=	4.91	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Cyanazine	n/a	=	98	%	EPA 525.2	-88	-88	61	129	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Cyanazine	n/a	=	4.97	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Cyanazine	n/a	=	99	%	EPA 525.2	-88	-88	61	129	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Cyanazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Cyanazine	n/a	=	5.96	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Cyanazine	n/a	=	119	%	EPA 525.2	-88	-88	61	129	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Cyanazine	n/a	=	6.11	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Cyanazine	n/a	=	122	%	EPA 525.2	-88	-88	61	129	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Cyanazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	Dalapon	n/a	=	8.14	µg/L	EPA 515.3	0.1	0.4			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	Dalapon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	Dalapon	n/a	=	8.23	µg/L	EPA 515.3	0.1	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	Dalapon	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	Dalapon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Dalapon	n/a	=	7.67	µg/L	EPA 515.3	0.1	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Dalapon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Dalapon	n/a	=	7.93	µg/L	EPA 515.3	0.1	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Dalapon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Dalapon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Dalapon	n/a	=	7.72	µg/L	EPA 515.3	0.1	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Dalapon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Dalapon	n/a	=	7.71	µg/L	EPA 515.3	0.1	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Dalapon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Dalapon	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	Dalapon	n/a	=	8.11	µg/L	EPA 515.3	0.1	0.4			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	Dalapon	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	Dalapon	n/a	=	7.78	µg/L	EPA 515.3	0.1	0.4			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	Dalapon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.09	µg/L	EPA 515.3	0.07	0.1			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	DCPA (Dacthal)	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.25	µg/L	EPA 515.3	0.07	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	DCPA (Dacthal)	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	DCPA (Dacthal)	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.02	µg/L	EPA 515.3	0.07	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.3	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.1	µg/L	EPA 515.3	0.07	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.97	µg/L	EPA 515.3	0.07	0.1			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	4.09	µg/L	EPA 515.3	0.07	0.1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.92	µg/L	EPA 515.3	0.07	0.1			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	DCPA (Dacthal)	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	3.89	µg/L	EPA 515.3	0.07	0.1			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	DCPA (Dacthal)	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	delta-BHC	n/a	=	0.0879	µg/L	EPA 608	0.0025	0.005			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	delta-BHC	n/a	=	88	%	EPA 608	-88	-88	51	123	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	delta-BHC	n/a	=	0.0867	µg/L	EPA 608	0.0025	0.005			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	delta-BHC	n/a	=	87	%	EPA 608	-88	-88	51	123	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	delta-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	delta-BHC	n/a	=	0.0776	µg/L	EPA 608	0.0025	0.005			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	delta-BHC	n/a	=	78	%	EPA 608	-88	-88	51	123	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	delta-BHC	n/a	=	0.0764	µg/L	EPA 608	0.0025	0.005			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	delta-BHC	n/a	=	76	%	EPA 608	-88	-88	51	123	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	delta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	delta-BHC	n/a	=	0.106	µg/L	EPA 608	0.0025	0.005			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	delta-BHC	n/a	=	106	%	EPA 608	-88	-88	51	123	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	delta-BHC	n/a	=	0.107	µg/L	EPA 608	0.0025	0.005			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	delta-BHC	n/a	=	107	%	EPA 608	-88	-88	51	123	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	delta-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Demeton-O	n/a	=	0.0384	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Demeton-O	n/a	=	77	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Demeton-O	n/a	=	0.0437	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Demeton-O	n/a	=	87	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Demeton-O	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Demeton-O	n/a	=	0.0418	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Demeton-O	n/a	=	84	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Demeton-O	n/a	=	0.029	µg/L	EPA 525.2m	0.01	0.01			IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Demeton-O	n/a	=	58	%	EPA 525.2m	-88	-88	0.1	208	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Demeton-O	n/a	=	36	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Demeton-O	n/a	=	0.0336	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Demeton-O	n/a	=	67	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Demeton-O	n/a	=	0.0104	µg/L	EPA 525.2m	0.01	0.01			IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Demeton-O	n/a	=	21	%	EPA 525.2m	-88	-88	0.1	208	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Demeton-O	n/a	=	106	%	EPA 525.2m	-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	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Demeton-O	n/a	=	0.0525	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Demeton-O	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Demeton-O	n/a	=	0.0405	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Demeton-O	n/a	=	81	%	EPA 525.2m	-88	-88	0.1	208	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Demeton-O	n/a	=	26	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Demeton-O	n/a	=	0.0382	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Demeton-O	n/a	=	76	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Demeton-O	n/a	=	0.0358	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Demeton-O	n/a	=	72	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Demeton-O	n/a	DNQ	0.0096	µg/L	EPA 525.2m	0	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Demeton-O	n/a	=	19	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Demeton-O	n/a	=	0.0283	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Demeton-O	n/a	=	57	%	EPA 525.2m	-88	-88	0.1	211	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Demeton-S	n/a	=	0.0549	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Demeton-S	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Demeton-S	n/a	=	0.0482	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Demeton-S	n/a	=	96	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Demeton-S	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Demeton-S	n/a	=	0.0385	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Demeton-S	n/a	=	77	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Demeton-S	n/a	=	0.0381	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Demeton-S	n/a	=	76	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Demeton-S	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Demeton-S	n/a	=	0.0488	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Demeton-S	n/a	=	98	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Demeton-S	n/a	=	0.0464	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Demeton-S	n/a	=	93	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Demeton-S	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Demeton-S	n/a	=	0.0437	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Demeton-S	n/a	=	87	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Demeton-S	n/a	=	0.0488	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Demeton-S	n/a	=	98	%	EPA 525.2m	-88	-88	0.1	207	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Demeton-S	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Demeton-S	n/a	=	0.0512	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Demeton-S	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Demeton-S	n/a	=	0.0459	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Demeton-S	n/a	=	92	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Demeton-S	n/a	=	0.0277	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Demeton-S	n/a	=	55	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Demeton-S	n/a	=	0.0273	µg/L	EPA 525.2m	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	
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Demeton-S	n/a	=	55	%	EPA 525.2m	-88	-88	0.1	213	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Diazinon	n/a	=	0.091	µg/L	EPA 525.2m	0.0052	0.01			GB
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Diazinon	n/a	=	182	%	EPA 525.2m	-88	-88	36	153	GB
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Diazinon	n/a	=	0.0866	µg/L	EPA 525.2m	0.0052	0.01			GB
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Diazinon	n/a	=	173	%	EPA 525.2m	-88	-88	36	153	GB
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Diazinon	n/a	=	0.0714	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Diazinon	n/a	=	143	%	EPA 525.2m	-88	-88	36	153	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Diazinon	n/a	=	0.0622	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Diazinon	n/a	=	124	%	EPA 525.2m	-88	-88	36	153	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Diazinon	n/a	=	14	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Diazinon	n/a	=	0.0732	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Diazinon	n/a	=	146	%	EPA 525.2m	-88	-88	36	153	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Diazinon	n/a	=	0.0718	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Diazinon	n/a	=	144	%	EPA 525.2m	-88	-88	36	153	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Diazinon	n/a	=	0.0673	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Diazinon	n/a	=	135	%	EPA 525.2m	-88	-88	36	153	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Diazinon	n/a	=	0.0625	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Diazinon	n/a	=	125	%	EPA 525.2m	-88	-88	36	153	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Diazinon	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Diazinon	n/a	=	3.57	µg/L	EPA 525.2	0.096	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Diazinon	n/a	=	71	%	EPA 525.2	-88	-88	30	120	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Diazinon	n/a	=	3.59	µg/L	EPA 525.2	0.096	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Diazinon	n/a	=	72	%	EPA 525.2	-88	-88	30	120	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Diazinon	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Diazinon	n/a	=	4.17	µg/L	EPA 525.2	0.096	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Diazinon	n/a	=	83	%	EPA 525.2	-88	-88	30	120	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Diazinon	n/a	=	4.16	µg/L	EPA 525.2	0.096	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Diazinon	n/a	=	83	%	EPA 525.2	-88	-88	30	120	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Diazinon	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Diazinon	n/a	=	0.0801	µg/L	EPA 525.2m	0.0052	0.01			EUM
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Diazinon	n/a	=	160	%	EPA 525.2m	-88	-88	43	152	EUM
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Diazinon	n/a	=	0.0727	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Diazinon	n/a	=	145	%	EPA 525.2m	-88	-88	43	152	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Diazinon	n/a	=	0.061	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Diazinon	n/a	=	122	%	EPA 525.2m	-88	-88	43	152	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Diazinon	n/a	=	0.054	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Diazinon	n/a	=	108	%	EPA 525.2m	-88	-88	43	152	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2m	0.0052	0.01			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	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	
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Diazinon	n/a	=	2.94	µg/L	EPA 525.2	0.096	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Diazinon	n/a	=	59	%	EPA 525.2	-88	-88	30	120	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Diazinon	n/a	=	2.61	µg/L	EPA 525.2	0.096	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Diazinon	n/a	=	52	%	EPA 525.2	-88	-88	30	120	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Diazinon	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	Dicamba	n/a	=	7.76	µg/L	EPA 515.3	0.12	0.6			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	Dicamba	n/a	=	7.78	µg/L	EPA 515.3	0.12	0.6			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	Dicamba	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Dicamba	n/a	=	7.74	µg/L	EPA 515.3	0.12	0.6			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Dicamba	n/a	=	7.73	µg/L	EPA 515.3	0.12	0.6			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Dicamba	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Dicamba	n/a	=	0.01	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Dicamba	n/a	=	7.6	µg/L	EPA 515.3	0.12	0.6			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Dicamba	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Dicamba	n/a	=	7.48	µg/L	EPA 515.3	0.12	0.6			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Dicamba	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	Dicamba	n/a	=	7.47	µg/L	EPA 515.3	0.12	0.6			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	Dicamba	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	Dicamba	n/a	=	7.68	µg/L	EPA 515.3	0.12	0.6			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	Dicamba	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	Dichlorprop	n/a	=	7.9	µg/L	EPA 515.3	0.08	0.3			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	Dichlorprop	n/a	=	7.87	µg/L	EPA 515.3	0.08	0.3			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	Dichlorprop	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Dichlorprop	n/a	=	8.03	µg/L	EPA 515.3	0.08	0.3			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Dichlorprop	n/a	=	8.22	µg/L	EPA 515.3	0.08	0.3			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Dichlorprop	n/a	=	7.73	µg/L	EPA 515.3	0.08	0.3			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Dichlorprop	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Dichlorprop	n/a	=	7.96	µg/L	EPA 515.3	0.08	0.3			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	Dichlorprop	n/a	=	7.6	µg/L	EPA 515.3	0.08	0.3			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	Dichlorprop	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	Dichlorprop	n/a	=	7.98	µg/L	EPA 515.3	0.08	0.3			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.3	-88	-88	70	130	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Dichlorvos	n/a	=	0.0515	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Dichlorvos	n/a	=	103	%	EPA 525.2m	-88	-88	42	137	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Dichlorvos	n/a	=	0.0504	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Dichlorvos	n/a	=	101	%	EPA 525.2m	-88	-88	42	137	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Dichlorvos	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Dichlorvos	n/a	=	0.0461	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Dichlorvos	n/a	=	92	%	EPA 525.2m	-88	-88	42	137	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Dichlorvos	n/a	=	0.0484	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Dichlorvos	n/a	=	97	%	EPA 525.2m	-88	-88	42	137	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Dichlorvos	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Dichlorvos	n/a	=	0.0442	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Dichlorvos	n/a	=	88	%	EPA 525.2m	-88	-88	42	137	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Dichlorvos	n/a	=	0.0424	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Dichlorvos	n/a	=	85	%	EPA 525.2m	-88	-88	42	137	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Dichlorvos	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Dichlorvos	n/a	=	0.0435	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Dichlorvos	n/a	=	87	%	EPA 525.2m	-88	-88	42	137	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Dichlorvos	n/a	=	0.0449	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Dichlorvos	n/a	=	90	%	EPA 525.2m	-88	-88	42	137	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Dichlorvos	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Dichlorvos	n/a	=	0.0499	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Dichlorvos	n/a	=	100	%	EPA 525.2m	-88	-88	46	133	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Dichlorvos	n/a	=	0.0492	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Dichlorvos	n/a	=	98	%	EPA 525.2m	-88	-88	46	133	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Dichlorvos	n/a	=	0.0386	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Dichlorvos	n/a	=	77	%	EPA 525.2m	-88	-88	46	133	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Dichlorvos	n/a	=	0.0466	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Dichlorvos	n/a	=	93	%	EPA 525.2m	-88	-88	46	133	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Dieldrin	n/a	=	0.0833	µg/L	EPA 608	0.0021	0.01			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Dieldrin	n/a	=	83	%	EPA 608	-88	-88	48	123	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Dieldrin	n/a	=	0.0806	µg/L	EPA 608	0.0021	0.01			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Dieldrin	n/a	=	81	%	EPA 608	-88	-88	48	123	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Dieldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	Dieldrin	n/a	=	0.0768	µg/L	EPA 608	0.0021	0.01			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	Dieldrin	n/a	=	77	%	EPA 608	-88	-88	48	123	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	Dieldrin	n/a	=	0.0732	µg/L	EPA 608	0.0021	0.01			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	Dieldrin	n/a	=	73	%	EPA 608	-88	-88	48	123	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	Dieldrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	Dieldrin	n/a	=	0.1	µg/L	EPA 608	0.0021	0.01			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	Dieldrin	n/a	=	100	%	EPA 608	-88	-88	48	123	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	Dieldrin	n/a	=	0.0965	µg/L	EPA 608	0.0021	0.01			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	Dieldrin	n/a	=	96	%	EPA 608	-88	-88	48	123	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	Dieldrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Dimethoate	n/a	=	0.092	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Dimethoate	n/a	=	184	%	EPA 525.2m	-88	-88	4	222	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Dimethoate	n/a	=	0.0661	µg/L	EPA 525.2m	0.0062	0.01			IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Dimethoate	n/a	=	132	%	EPA 525.2m	-88	-88	4	222	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Dimethoate	n/a	=	33	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Dimethoate	n/a	=	0.0419	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Dimethoate	n/a	=	84	%	EPA 525.2m	-88	-88	4	222	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Dimethoate	n/a	=	0.0542	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Dimethoate	n/a	=	108	%	EPA 525.2m	-88	-88	4	222	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Dimethoate	n/a	=	26	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Dimethoate	n/a	=	0.0691	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Dimethoate	n/a	=	138	%	EPA 525.2m	-88	-88	4	222	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Dimethoate	n/a	=	0.071	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Dimethoate	n/a	=	142	%	EPA 525.2m	-88	-88	4	222	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Dimethoate	n/a	=	0.0541	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Dimethoate	n/a	=	108	%	EPA 525.2m	-88	-88	4	222	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Dimethoate	n/a	=	0.0608	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Dimethoate	n/a	=	122	%	EPA 525.2m	-88	-88	4	222	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Dimethoate	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Dimethoate	n/a	=	3.77	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Dimethoate	n/a	=	75	%	EPA 525.2	-88	-88	38	102	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Dimethoate	n/a	=	3.31	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Dimethoate	n/a	=	66	%	EPA 525.2	-88	-88	38	102	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Dimethoate	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Dimethoate	n/a	=	2.99	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Dimethoate	n/a	=	60	%	EPA 525.2	-88	-88	38	102	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Dimethoate	n/a	=	2.9	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Dimethoate	n/a	=	58	%	EPA 525.2	-88	-88	38	102	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Dimethoate	n/a	=	0.046	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Dimethoate	n/a	=	92	%	EPA 525.2m	-88	-88	10	234	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Dimethoate	n/a	=	0.0442	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Dimethoate	n/a	=	88	%	EPA 525.2m	-88	-88	10	234	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Dimethoate	n/a	=	0.0431	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Dimethoate	n/a	=	86	%	EPA 525.2m	-88	-88	10	234	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Dimethoate	n/a	=	0.0158	µg/L	EPA 525.2m	0.0062	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Dimethoate	n/a	=	32	%	EPA 525.2m	-88	-88	10	234	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2m	0.0062	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Dimethoate	n/a	=	3.63	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Dimethoate	n/a	=	73	%	EPA 525.2	-88	-88	38	102	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Dimethoate	n/a	=	3.69	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Dimethoate	n/a	=	74	%	EPA 525.2	-88	-88	38	102	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	Dinoseb	n/a	=	3.97	µg/L	EPA 515.3	0.14	0.4			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	Dinoseb	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	Dinoseb	n/a	=	3.94	µg/L	EPA 515.3	0.14	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	Dinoseb	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	Dinoseb	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Dinoseb	n/a	=	4.1	µg/L	EPA 515.3	0.14	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Dinoseb	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Dinoseb	n/a	=	3.96	µg/L	EPA 515.3	0.14	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Dinoseb	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Dinoseb	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Dinoseb	n/a	=	3.99	µg/L	EPA 515.3	0.14	0.4			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Dinoseb	n/a	=	3.84	µg/L	EPA 515.3	0.14	0.4			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Dinoseb	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	Dinoseb	n/a	=	3.98	µg/L	EPA 515.3	0.14	0.4			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	Dinoseb	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	Dinoseb	n/a	=	4.02	µg/L	EPA 515.3	0.14	0.4			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Diphenamid	n/a	=	5.26	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Diphenamid	n/a	=	105	%	EPA 525.2	-88	-88	77	124	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Diphenamid	n/a	=	4.91	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Diphenamid	n/a	=	98	%	EPA 525.2	-88	-88	77	124	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Diphenamid	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Diphenamid	n/a	=	4.68	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Diphenamid	n/a	=	94	%	EPA 525.2	-88	-88	77	124	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Diphenamid	n/a	=	4.85	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Diphenamid	n/a	=	97	%	EPA 525.2	-88	-88	77	124	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Diphenamid	n/a	=	5.39	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Diphenamid	n/a	=	108	%	EPA 525.2	-88	-88	77	124	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Diphenamid	n/a	=	5.32	µg/L	EPA 525.2	0.024	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Diphenamid	n/a	=	106	%	EPA 525.2	-88	-88	77	124	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Disulfoton	n/a	=	0.0626	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Disulfoton	n/a	=	125	%	EPA 525.2m	-88	-88	12	199	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Disulfoton	n/a	=	0.044	µg/L	EPA 525.2m	0.01	0.01			IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Disulfoton	n/a	=	88	%	EPA 525.2m	-88	-88	12	199	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Disulfoton	n/a	=	35	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Disulfoton	n/a	=	0.0436	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Disulfoton	n/a	=	87	%	EPA 525.2m	-88	-88	12	199	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Disulfoton	n/a	=	0.0382	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Disulfoton	n/a	=	76	%	EPA 525.2m	-88	-88	12	199	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Disulfoton	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Disulfoton	n/a	=	0.0466	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Disulfoton	n/a	=	93	%	EPA 525.2m	-88	-88	12	199	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Disulfoton	n/a	=	0.04	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Disulfoton	n/a	=	80	%	EPA 525.2m	-88	-88	12	199	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Disulfoton	n/a	=	15	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Disulfoton	n/a	=	0.0556	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Disulfoton	n/a	=	111	%	EPA 525.2m	-88	-88	12	199	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Disulfoton	n/a	=	0.0519	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Disulfoton	n/a	=	104	%	EPA 525.2m	-88	-88	12	199	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Disulfoton	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Disulfoton	n/a	=	3.16	µg/L	EPA 525.2	0.031	0.1			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Disulfoton	n/a	=	3.16	µg/L	EPA 525.2	0.031	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Disulfoton	n/a	=	63	%	EPA 525.2	-88	-88	54	156	
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Disulfoton	n/a	=	63	%	EPA 525.2	-88	-88	54	156	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Disulfoton	n/a	=	3.16	µg/L	EPA 525.2	0.031	0.1			
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Disulfoton	n/a	=	3.16	µg/L	EPA 525.2	0.031	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Disulfoton	n/a	=	63	%	EPA 525.2	-88	-88	54	156	
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Disulfoton	n/a	=	63	%	EPA 525.2	-88	-88	54	156	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Disulfoton	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Disulfoton	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Disulfoton	n/a	=	0.0542	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Disulfoton	n/a	=	108	%	EPA 525.2m	-88	-88	0.1	212	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Disulfoton	n/a	=	0.0488	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Disulfoton	n/a	=	98	%	EPA 525.2m	-88	-88	0.1	212	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Disulfoton	n/a	=	0.0198	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Disulfoton	n/a	=	40	%	EPA 525.2m	-88	-88	0.1	212	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Disulfoton	n/a	=	0.0303	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Disulfoton	n/a	=	61	%	EPA 525.2m	-88	-88	0.1	212	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2m	0.01	0.01			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Disulfoton	n/a	=	2.82	µg/L	EPA 525.2	0.031	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Disulfoton	n/a	=	56	%	EPA 525.2	-88	-88	54	156	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Disulfoton	n/a	=	2.76	µg/L	EPA 525.2	0.031	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Disulfoton	n/a	=	55	%	EPA 525.2	-88	-88	54	156	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Endosulfan I	n/a	=	0.0648	µg/L	EPA 608	0.0017	0.02			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Endosulfan I	n/a	=	65	%	EPA 608	-88	-88	14	131	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Endosulfan I	n/a	=	0.0648	µg/L	EPA 608	0.0017	0.02			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Endosulfan I	n/a	=	65	%	EPA 608	-88	-88	14	131	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Endosulfan I	n/a	=	0.08	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Endosulfan I	n/a	DNQ	0.0044	µg/L	EPA 608	0.0017	0.02			IP
2015/16-5	Lab	LCS	6/30/2016	Pesticide	Endosulfan I	n/a	=	0.0616	µg/L	EPA 608	0.0017	0.02			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	Endosulfan I	n/a	=	62	%	EPA 608	-88	-88	14	131	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	Endosulfan I	n/a	=	0.0602	µg/L	EPA 608	0.0017	0.02			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	Endosulfan I	n/a	=	60	%	EPA 608	-88	-88	14	131	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	Endosulfan I	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	Endosulfan I	n/a	=	0.0788	µg/L	EPA 608	0.0017	0.02			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	Endosulfan I	n/a	=	79	%	EPA 608	-88	-88	14	131	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	Endosulfan I	n/a	=	0.0764	µg/L	EPA 608	0.0017	0.02			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	Endosulfan I	n/a	=	76	%	EPA 608	-88	-88	14	131	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	Endosulfan I	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Endosulfan II	n/a	=	0.067	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Endosulfan II	n/a	=	67	%	EPA 608	-88	-88	40	121	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Endosulfan II	n/a	=	0.0662	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Endosulfan II	n/a	=	66	%	EPA 608	-88	-88	40	121	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Endosulfan II	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Endosulfan II	n/a	DNQ	0.0023	µg/L	EPA 608	0.0019	0.01			IP
2015/16-5	Lab	LCS	6/30/2016	Pesticide	Endosulfan II	n/a	=	0.0623	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	Endosulfan II	n/a	=	62	%	EPA 608	-88	-88	40	121	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	Endosulfan II	n/a	=	0.0621	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	Endosulfan II	n/a	=	62	%	EPA 608	-88	-88	40	121	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	Endosulfan II	n/a	=	0.3	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	Endosulfan II	n/a	=	0.0853	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	Endosulfan II	n/a	=	85	%	EPA 608	-88	-88	40	121	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	Endosulfan II	n/a	=	0.0769	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	Endosulfan II	n/a	=	77	%	EPA 608	-88	-88	40	121	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	Endosulfan II	n/a	=	10	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0844	µg/L	EPA 608	0.008	0.05			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Endosulfan sulfate	n/a	=	84	%	EPA 608	-88	-88	44	140	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0774	µg/L	EPA 608	0.008	0.05			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Endosulfan sulfate	n/a	=	77	%	EPA 608	-88	-88	44	140	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Endosulfan sulfate	n/a	=	9	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0626	µg/L	EPA 608	0.008	0.05			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	Endosulfan sulfate	n/a	=	63	%	EPA 608	-88	-88	44	140	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	Endosulfan sulfate	n/a	=	0.076	µg/L	EPA 608	0.008	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	
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	Endosulfan sulfate	n/a	=	76	%	EPA 608	-88	-88	44	140	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	Endosulfan sulfate	n/a	=	19	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	Endosulfan sulfate	n/a	=	0.102	µg/L	EPA 608	0.008	0.05			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	Endosulfan sulfate	n/a	=	102	%	EPA 608	-88	-88	44	140	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	Endosulfan sulfate	n/a	=	0.0949	µg/L	EPA 608	0.008	0.05			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	Endosulfan sulfate	n/a	=	95	%	EPA 608	-88	-88	44	140	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	Endosulfan sulfate	n/a	=	8	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Endrin	n/a	=	0.088	µg/L	EPA 608	0.0028	0.01			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Endrin	n/a	=	88	%	EPA 608	-88	-88	40	143	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Endrin	n/a	=	0.0845	µg/L	EPA 608	0.0028	0.01			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Endrin	n/a	=	85	%	EPA 608	-88	-88	40	143	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Endrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	Endrin	n/a	=	0.0806	µg/L	EPA 608	0.0028	0.01			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	Endrin	n/a	=	81	%	EPA 608	-88	-88	40	143	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	Endrin	n/a	=	0.0802	µg/L	EPA 608	0.0028	0.01			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	Endrin	n/a	=	80	%	EPA 608	-88	-88	40	143	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	Endrin	n/a	=	0.5	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	Endrin	n/a	=	0.105	µg/L	EPA 608	0.0028	0.01			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	Endrin	n/a	=	105	%	EPA 608	-88	-88	40	143	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	Endrin	n/a	=	0.102	µg/L	EPA 608	0.0028	0.01			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	Endrin	n/a	=	102	%	EPA 608	-88	-88	40	143	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	Endrin	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Endrin aldehyde	n/a	=	0.0546	µg/L	EPA 608	0.003	0.01			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Endrin aldehyde	n/a	=	55	%	EPA 608	-88	-88	18	136	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Endrin aldehyde	n/a	=	0.0569	µg/L	EPA 608	0.003	0.01			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Endrin aldehyde	n/a	=	57	%	EPA 608	-88	-88	18	136	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Endrin aldehyde	n/a	=	4	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	Endrin aldehyde	n/a	=	0.0518	µg/L	EPA 608	0.003	0.01			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	Endrin aldehyde	n/a	=	52	%	EPA 608	-88	-88	18	136	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	Endrin aldehyde	n/a	=	0.053	µg/L	EPA 608	0.003	0.01			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	Endrin aldehyde	n/a	=	53	%	EPA 608	-88	-88	18	136	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	Endrin aldehyde	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	Endrin aldehyde	n/a	=	0.0606	µg/L	EPA 608	0.003	0.01			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	Endrin aldehyde	n/a	=	61	%	EPA 608	-88	-88	18	136	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	Endrin aldehyde	n/a	=	0.0796	µg/L	EPA 608	0.003	0.01			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	Endrin aldehyde	n/a	=	80	%	EPA 608	-88	-88	18	136	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	Endrin aldehyde	n/a	=	27	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	EPTC	n/a	=	4.32	µg/L	EPA 525.2	0.017	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	EPTC	n/a	=	86	%	EPA 525.2	-88	-88	82	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	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	EPTC	n/a	=	4.38	µg/L	EPA 525.2	0.017	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	EPTC	n/a	=	88	%	EPA 525.2	-88	-88	82	116	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	EPTC	n/a	=	4.12	µg/L	EPA 525.2	0.017	1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	EPTC	n/a	=	82	%	EPA 525.2	-88	-88	82	116	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	EPTC	n/a	=	4.36	µg/L	EPA 525.2	0.017	1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	EPTC	n/a	=	87	%	EPA 525.2	-88	-88	82	116	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	EPTC	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	EPTC	n/a	=	4.37	µg/L	EPA 525.2	0.017	1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	EPTC	n/a	=	87	%	EPA 525.2	-88	-88	82	116	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	EPTC	n/a	=	4.34	µg/L	EPA 525.2	0.017	1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	EPTC	n/a	=	87	%	EPA 525.2	-88	-88	82	116	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	EPTC	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Ethoprop	n/a	=	0.0688	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Ethoprop	n/a	=	138	%	EPA 525.2m	-88	-88	51	167	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Ethoprop	n/a	=	0.0678	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Ethoprop	n/a	=	136	%	EPA 525.2m	-88	-88	51	167	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Ethoprop	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Ethoprop	n/a	=	0.0535	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Ethoprop	n/a	=	107	%	EPA 525.2m	-88	-88	51	167	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Ethoprop	n/a	=	0.0561	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Ethoprop	n/a	=	112	%	EPA 525.2m	-88	-88	51	167	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Ethoprop	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Ethoprop	n/a	=	0.0624	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Ethoprop	n/a	=	125	%	EPA 525.2m	-88	-88	51	167	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Ethoprop	n/a	=	0.0625	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Ethoprop	n/a	=	125	%	EPA 525.2m	-88	-88	51	167	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Ethoprop	n/a	=	0.3	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Ethoprop	n/a	=	0.052	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Ethoprop	n/a	=	104	%	EPA 525.2m	-88	-88	51	167	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Ethoprop	n/a	=	0.0574	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Ethoprop	n/a	=	115	%	EPA 525.2m	-88	-88	51	167	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Ethoprop	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Ethoprop	n/a	=	0.0705	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Ethoprop	n/a	=	141	%	EPA 525.2m	-88	-88	53	163	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Ethoprop	n/a	=	0.0618	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Ethoprop	n/a	=	124	%	EPA 525.2m	-88	-88	53	163	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Ethoprop	n/a	=	0.0513	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Ethoprop	n/a	=	103	%	EPA 525.2m	-88	-88	53	163	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Ethoprop	n/a	=	0.0457	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Ethoprop	n/a	=	91	%	EPA 525.2m	-88	-88	53	163	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2m	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	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Ethyl parathion	n/a	=	0.0602	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Ethyl parathion	n/a	=	120	%	EPA 525.2m	-88	-88	5	229	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Ethyl parathion	n/a	=	0.0498	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Ethyl parathion	n/a	=	100	%	EPA 525.2m	-88	-88	5	229	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Ethyl parathion	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Ethyl parathion	n/a	=	0.0507	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Ethyl parathion	n/a	=	101	%	EPA 525.2m	-88	-88	5	229	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Ethyl parathion	n/a	=	0.05	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Ethyl parathion	n/a	=	100	%	EPA 525.2m	-88	-88	5	229	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Ethyl parathion	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Ethyl parathion	n/a	=	0.0622	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Ethyl parathion	n/a	=	124	%	EPA 525.2m	-88	-88	5	229	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Ethyl parathion	n/a	=	0.0585	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Ethyl parathion	n/a	=	117	%	EPA 525.2m	-88	-88	5	229	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Ethyl parathion	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Ethyl parathion	n/a	=	0.0493	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Ethyl parathion	n/a	=	99	%	EPA 525.2m	-88	-88	5	229	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Ethyl parathion	n/a	=	0.049	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Ethyl parathion	n/a	=	98	%	EPA 525.2m	-88	-88	5	229	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Ethyl parathion	n/a	=	0.7	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Ethyl parathion	n/a	=	0.0546	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Ethyl parathion	n/a	=	109	%	EPA 525.2m	-88	-88	7	230	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Ethyl parathion	n/a	=	0.0588	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Ethyl parathion	n/a	=	118	%	EPA 525.2m	-88	-88	7	230	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Ethyl parathion	n/a	=	0.0484	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Ethyl parathion	n/a	=	97	%	EPA 525.2m	-88	-88	7	230	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Ethyl parathion	n/a	=	0.0348	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Ethyl parathion	n/a	=	70	%	EPA 525.2m	-88	-88	7	230	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2m	0.0054	0.01			
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Fensulfothion	n/a	=	0.0813	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Fensulfothion	n/a	=	163	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Fensulfothion	n/a	=	0.0623	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Fensulfothion	n/a	=	125	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Fensulfothion	n/a	=	26	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Fensulfothion	n/a	=	0.0506	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Fensulfothion	n/a	=	101	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Fensulfothion	n/a	=	0.0637	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Fensulfothion	n/a	=	127	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Fensulfothion	n/a	=	23	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Fensulfothion	n/a	=	0.051	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Fensulfothion	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Fensulfothion	n/a	=	0.0608	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Fensulfothion	n/a	=	122	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Fensulfothion	n/a	=	18	%	EPA 525.2m	-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	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Fensulfothion	n/a	=	0.0439	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Fensulfothion	n/a	=	88	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Fensulfothion	n/a	=	0.0501	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Fensulfothion	n/a	=	100	%	EPA 525.2m	-88	-88	0.1	316	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Fensulfothion	n/a	=	13	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Fensulfothion	n/a	=	0.081	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Fensulfothion	n/a	=	162	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Fensulfothion	n/a	=	0.0566	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Fensulfothion	n/a	=	113	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Fensulfothion	n/a	=	0.046	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Fensulfothion	n/a	=	92	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Fensulfothion	n/a	=	0.0338	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Fensulfothion	n/a	=	68	%	EPA 525.2m	-88	-88	0.1	265	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2m	0.0029	0.01			
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Fenthion	n/a	=	0.0758	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Fenthion	n/a	=	152	%	EPA 525.2m	-88	-88	23	169	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Fenthion	n/a	=	0.0641	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Fenthion	n/a	=	128	%	EPA 525.2m	-88	-88	23	169	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Fenthion	n/a	=	17	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Fenthion	n/a	=	0.0499	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Fenthion	n/a	=	100	%	EPA 525.2m	-88	-88	23	169	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Fenthion	n/a	=	0.0466	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Fenthion	n/a	=	93	%	EPA 525.2m	-88	-88	23	169	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Fenthion	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Fenthion	n/a	=	0.057	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Fenthion	n/a	=	114	%	EPA 525.2m	-88	-88	23	169	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Fenthion	n/a	=	0.0544	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Fenthion	n/a	=	109	%	EPA 525.2m	-88	-88	23	169	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Fenthion	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Fenthion	n/a	=	0.0581	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Fenthion	n/a	=	116	%	EPA 525.2m	-88	-88	23	169	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Fenthion	n/a	=	0.0561	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Fenthion	n/a	=	112	%	EPA 525.2m	-88	-88	23	169	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Fenthion	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Fenthion	n/a	=	0.0598	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Fenthion	n/a	=	120	%	EPA 525.2m	-88	-88	20	177	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Fenthion	n/a	=	0.0576	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Fenthion	n/a	=	115	%	EPA 525.2m	-88	-88	20	177	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Fenthion	n/a	=	0.0288	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Fenthion	n/a	=	58	%	EPA 525.2m	-88	-88	20	177	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Fenthion	n/a	=	0.0314	µg/L	EPA 525.2m	0.0038	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	
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Fenthion	n/a	=	63	%	EPA 525.2m	-88	-88	20	177	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2m	0.0038	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0805	µg/L	EPA 608	0.0021	0.02			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	80	%	EPA 608	-88	-88	49	117	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0804	µg/L	EPA 608	0.0021	0.02			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	80	%	EPA 608	-88	-88	49	117	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.07	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.074	µg/L	EPA 608	0.0021	0.02			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	74	%	EPA 608	-88	-88	49	117	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0728	µg/L	EPA 608	0.0021	0.02			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	73	%	EPA 608	-88	-88	49	117	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.101	µg/L	EPA 608	0.0021	0.02			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	101	%	EPA 608	-88	-88	49	117	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0984	µg/L	EPA 608	0.0021	0.02			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	98	%	EPA 608	-88	-88	49	117	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-5	Lab	method blank	6/30/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-5	Lab	method blank	7/8/2016	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2015/16-5	000NONPJ	matrix spike	6/22/2016	Pesticide	Glyphosate	n/a	=	23.5	µg/L	EPA 547	1.8	5			
2015/16-5	000NONPJ	matrix spike, rec	6/22/2016	Pesticide	Glyphosate	n/a	=	94	%	EPA 547	-88	-88	41	149	
2015/16-5	000NONPJ	matrix spike dup	6/22/2016	Pesticide	Glyphosate	n/a	=	23.9	µg/L	EPA 547	1.8	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/22/2016	Pesticide	Glyphosate	n/a	=	95	%	EPA 547	-88	-88	41	149	
2015/16-5	000NONPJ	matrix spike, RPD	6/22/2016	Pesticide	Glyphosate	n/a	=	1	%	EPA 547	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/28/2016	Pesticide	Glyphosate	n/a	=	29.6	µg/L	EPA 547	1.8	5			
2015/16-5	000NONPJ	matrix spike, rec	6/28/2016	Pesticide	Glyphosate	n/a	=	118	%	EPA 547	-88	-88	41	149	
2015/16-5	000NONPJ	matrix spike dup	6/28/2016	Pesticide	Glyphosate	n/a	=	30.9	µg/L	EPA 547	1.8	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/28/2016	Pesticide	Glyphosate	n/a	=	124	%	EPA 547	-88	-88	41	149	
2015/16-5	000NONPJ	matrix spike, RPD	6/28/2016	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/28/2016	Pesticide	Glyphosate	n/a	=	32.2	µg/L	EPA 547	1.8	5			
2015/16-5	000NONPJ	matrix spike, rec	6/28/2016	Pesticide	Glyphosate	n/a	=	129	%	EPA 547	-88	-88	41	149	
2015/16-5	000NONPJ	matrix spike dup	6/28/2016	Pesticide	Glyphosate	n/a	=	32.9	µg/L	EPA 547	1.8	5			
2015/16-5	000NONPJ	matrix spike dup, rec	6/28/2016	Pesticide	Glyphosate	n/a	=	132	%	EPA 547	-88	-88	41	149	
2015/16-5	000NONPJ	matrix spike, RPD	6/28/2016	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2015/16-5	Lab	method blank	6/22/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2015/16-5	Lab	LCS	6/22/2016	Pesticide	Glyphosate	n/a	=	24	µg/L	EPA 547	1.8	5			
2015/16-5	Lab	LCS, rec	6/22/2016	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	62	130	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Glyphosate	n/a	=	30.8	µg/L	EPA 547	1.8	5			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Glyphosate	n/a	=	123	%	EPA 547	-88	-88	62	130	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Heptachlor	n/a	=	0.0717	µg/L	EPA 608	0.0017	0.01			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Heptachlor	n/a	=	72	%	EPA 608	-88	-88	31	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	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Heptachlor	n/a	=	0.0742	µg/L	EPA 608	0.0017	0.01			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Heptachlor	n/a	=	74	%	EPA 608	-88	-88	31	130	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Heptachlor	n/a	=	3	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	Heptachlor	n/a	=	0.0686	µg/L	EPA 608	0.0017	0.01			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	Heptachlor	n/a	=	69	%	EPA 608	-88	-88	31	130	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	Heptachlor	n/a	=	0.0694	µg/L	EPA 608	0.0017	0.01			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	Heptachlor	n/a	=	69	%	EPA 608	-88	-88	31	130	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	Heptachlor	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	Heptachlor	n/a	=	0.0931	µg/L	EPA 608	0.0017	0.01			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	Heptachlor	n/a	=	93	%	EPA 608	-88	-88	31	130	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	Heptachlor	n/a	=	0.0945	µg/L	EPA 608	0.0017	0.01			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	Heptachlor	n/a	=	95	%	EPA 608	-88	-88	31	130	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	Heptachlor	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0729	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Heptachlor epoxide	n/a	=	73	%	EPA 608	-88	-88	49	122	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0714	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Heptachlor epoxide	n/a	=	71	%	EPA 608	-88	-88	49	122	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0678	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	Heptachlor epoxide	n/a	=	68	%	EPA 608	-88	-88	49	122	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0671	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	Heptachlor epoxide	n/a	=	67	%	EPA 608	-88	-88	49	122	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	Heptachlor epoxide	n/a	=	1	%	EPA 608	-88	-88	0	30	
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS	7/8/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0874	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS, rec	7/8/2016	Pesticide	Heptachlor epoxide	n/a	=	87	%	EPA 608	-88	-88	49	122	
2015/16-5	Lab	LCS dup	7/8/2016	Pesticide	Heptachlor epoxide	n/a	=	0.0805	µg/L	EPA 608	0.0019	0.01			
2015/16-5	Lab	LCS dup, rec	7/8/2016	Pesticide	Heptachlor epoxide	n/a	=	81	%	EPA 608	-88	-88	49	122	
2015/16-5	Lab	LCS, RPD	7/8/2016	Pesticide	Heptachlor epoxide	n/a	=	8	%	EPA 608	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Malathion	n/a	=	0.0846	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Malathion	n/a	=	169	%	EPA 525.2m	-88	-88	6	184	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Malathion	n/a	=	0.0677	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Malathion	n/a	=	135	%	EPA 525.2m	-88	-88	6	184	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Malathion	n/a	=	22	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Malathion	n/a	=	0.0588	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Malathion	n/a	=	118	%	EPA 525.2m	-88	-88	6	184	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Malathion	n/a	=	0.056	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Malathion	n/a	=	112	%	EPA 525.2m	-88	-88	6	184	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Malathion	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Malathion	n/a	=	0.0665	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Malathion	n/a	=	133	%	EPA 525.2m	-88	-88	6	184	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Malathion	n/a	=	0.064	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Malathion	n/a	=	128	%	EPA 525.2m	-88	-88	6	184	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Malathion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Malathion	n/a	=	0.0604	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Malathion	n/a	=	121	%	EPA 525.2m	-88	-88	6	184	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Malathion	n/a	=	0.0608	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Malathion	n/a	=	122	%	EPA 525.2m	-88	-88	6	184	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Malathion	n/a	=	0.5	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Malathion	n/a	=	0.0744	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Malathion	n/a	=	149	%	EPA 525.2m	-88	-88	14	175	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Malathion	n/a	=	0.0682	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Malathion	n/a	=	136	%	EPA 525.2m	-88	-88	14	175	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Malathion	n/a	=	0.048	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Malathion	n/a	=	96	%	EPA 525.2m	-88	-88	14	175	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Malathion	n/a	=	0.0421	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Malathion	n/a	=	84	%	EPA 525.2m	-88	-88	14	175	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Merphos	n/a	=	0.0532	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Merphos	n/a	=	106	%	EPA 525.2m	-88	-88	3	210	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Merphos	n/a	=	0.0537	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Merphos	n/a	=	107	%	EPA 525.2m	-88	-88	3	210	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Merphos	n/a	=	1	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Merphos	n/a	=	0.0639	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Merphos	n/a	=	128	%	EPA 525.2m	-88	-88	3	210	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Merphos	n/a	=	0.0583	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Merphos	n/a	=	117	%	EPA 525.2m	-88	-88	3	210	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Merphos	n/a	=	9	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Merphos	n/a	=	0.0274	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Merphos	n/a	=	55	%	EPA 525.2m	-88	-88	3	210	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Merphos	n/a	=	0.0308	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Merphos	n/a	=	62	%	EPA 525.2m	-88	-88	3	210	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Merphos	n/a	=	12	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Merphos	n/a	=	0.0666	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Merphos	n/a	=	133	%	EPA 525.2m	-88	-88	3	210	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Merphos	n/a	=	0.0482	µg/L	EPA 525.2m	0.0058	0.01			IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Merphos	n/a	=	96	%	EPA 525.2m	-88	-88	3	210	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Merphos	n/a	=	32	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Merphos	n/a	=	0.0592	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Merphos	n/a	=	118	%	EPA 525.2m	-88	-88	28	181	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Merphos	n/a	=	0.0666	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Merphos	n/a	=	133	%	EPA 525.2m	-88	-88	28	181	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Merphos	n/a	=	0.0738	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Merphos	n/a	=	148	%	EPA 525.2m	-88	-88	28	181	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Merphos	n/a	=	0.0747	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Merphos	n/a	=	149	%	EPA 525.2m	-88	-88	28	181	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2m	0.0058	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Methoxychlor	n/a	DNQ	0.008	µg/L	EPA 608	0.0054	0.02			IP
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Methyl parathion	n/a	=	0.0598	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Methyl parathion	n/a	=	120	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Methyl parathion	n/a	=	0.0539	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Methyl parathion	n/a	=	108	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Methyl parathion	n/a	=	10	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Methyl parathion	n/a	=	0.0532	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Methyl parathion	n/a	=	106	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Methyl parathion	n/a	=	0.0509	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Methyl parathion	n/a	=	102	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Methyl parathion	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Methyl parathion	n/a	=	0.0657	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Methyl parathion	n/a	=	131	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Methyl parathion	n/a	=	0.0622	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Methyl parathion	n/a	=	124	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Methyl parathion	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Methyl parathion	n/a	=	0.055	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Methyl parathion	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Methyl parathion	n/a	=	0.0541	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Methyl parathion	n/a	=	108	%	EPA 525.2m	-88	-88	0.1	249	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Methyl parathion	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Methyl parathion	n/a	=	0.0557	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Methyl parathion	n/a	=	111	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Methyl parathion	n/a	=	0.0603	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Methyl parathion	n/a	=	121	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Methyl parathion	n/a	=	0.0504	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Methyl parathion	n/a	=	101	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Methyl parathion	n/a	=	0.0361	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Methyl parathion	n/a	=	72	%	EPA 525.2m	-88	-88	0.1	252	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2m	0.0063	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Metolachlor	n/a	=	4.31	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Metolachlor	n/a	=	86	%	EPA 525.2	-88	-88	61	123	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Metolachlor	n/a	=	4.34	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Metolachlor	n/a	=	87	%	EPA 525.2	-88	-88	61	123	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Metolachlor	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Metolachlor	n/a	=	4.86	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Metolachlor	n/a	=	97	%	EPA 525.2	-88	-88	61	123	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Metolachlor	n/a	=	4.77	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	
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Metolachlor	n/a	=	95	%	EPA 525.2	-88	-88	61	123	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Metolachlor	n/a	=	4.72	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Metolachlor	n/a	=	94	%	EPA 525.2	-88	-88	61	123	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Metolachlor	n/a	=	4.61	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Metolachlor	n/a	=	92	%	EPA 525.2	-88	-88	61	123	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Metribuzin	n/a	=	4.41	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Metribuzin	n/a	=	88	%	EPA 525.2	-88	-88	50	121	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Metribuzin	n/a	=	4.49	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Metribuzin	n/a	=	90	%	EPA 525.2	-88	-88	50	121	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Metribuzin	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Metribuzin	n/a	=	4.9	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Metribuzin	n/a	=	98	%	EPA 525.2	-88	-88	50	121	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Metribuzin	n/a	=	4.87	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Metribuzin	n/a	=	97	%	EPA 525.2	-88	-88	50	121	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Metribuzin	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Metribuzin	n/a	=	4.69	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Metribuzin	n/a	=	94	%	EPA 525.2	-88	-88	50	121	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Metribuzin	n/a	=	4.58	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Metribuzin	n/a	=	92	%	EPA 525.2	-88	-88	50	121	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Metribuzin	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Mevinphos	n/a	=	0.0645	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Mevinphos	n/a	=	129	%	EPA 525.2m	-88	-88	25	189	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Mevinphos	n/a	=	0.068	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Mevinphos	n/a	=	136	%	EPA 525.2m	-88	-88	25	189	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Mevinphos	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Mevinphos	n/a	=	0.0369	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Mevinphos	n/a	=	74	%	EPA 525.2m	-88	-88	25	189	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Mevinphos	n/a	=	0.0517	µg/L	EPA 525.2m	0.0042	0.01			IL
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Mevinphos	n/a	=	103	%	EPA 525.2m	-88	-88	25	189	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Mevinphos	n/a	=	34	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Mevinphos	n/a	=	0.048	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Mevinphos	n/a	=	96	%	EPA 525.2m	-88	-88	25	189	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Mevinphos	n/a	=	0.0594	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Mevinphos	n/a	=	119	%	EPA 525.2m	-88	-88	25	189	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Mevinphos	n/a	=	21	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Mevinphos	n/a	=	0.0403	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Mevinphos	n/a	=	81	%	EPA 525.2m	-88	-88	25	189	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Mevinphos	n/a	=	0.0542	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Mevinphos	n/a	=	108	%	EPA 525.2m	-88	-88	25	189	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Mevinphos	n/a	=	29	%	EPA 525.2m	-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	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Mevinphos	n/a	=	0.0583	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Mevinphos	n/a	=	117	%	EPA 525.2m	-88	-88	14	202	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Mevinphos	n/a	=	0.047	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Mevinphos	n/a	=	94	%	EPA 525.2m	-88	-88	14	202	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Mevinphos	n/a	=	0.0437	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Mevinphos	n/a	=	87	%	EPA 525.2m	-88	-88	14	202	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Mevinphos	n/a	=	0.0331	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Mevinphos	n/a	=	66	%	EPA 525.2m	-88	-88	14	202	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2m	0.0042	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Molinate	n/a	=	4.43	µg/L	EPA 525.2	0.039	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Molinate	n/a	=	89	%	EPA 525.2	-88	-88	82	117	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Molinate	n/a	=	4.47	µg/L	EPA 525.2	0.039	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Molinate	n/a	=	89	%	EPA 525.2	-88	-88	82	117	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Molinate	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Molinate	n/a	=	4.35	µg/L	EPA 525.2	0.039	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Molinate	n/a	=	87	%	EPA 525.2	-88	-88	82	117	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Molinate	n/a	=	4.42	µg/L	EPA 525.2	0.039	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Molinate	n/a	=	88	%	EPA 525.2	-88	-88	82	117	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Molinate	n/a	=	4.55	µg/L	EPA 525.2	0.039	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Molinate	n/a	=	91	%	EPA 525.2	-88	-88	82	117	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Molinate	n/a	=	4.54	µg/L	EPA 525.2	0.039	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Molinate	n/a	=	91	%	EPA 525.2	-88	-88	82	117	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Molinate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Naled	n/a	=	0.0129	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Naled	n/a	=	26	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Naled	n/a	=	0.0269	µg/L	EPA 525.2m	0.0076	0.01			IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Naled	n/a	=	54	%	EPA 525.2m	-88	-88	0.1	242	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Naled	n/a	=	71	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Naled	n/a	=	0.125	µg/L	EPA 525.2m	0.0076	0.01			GB
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Naled	n/a	=	251	%	EPA 525.2m	-88	-88	0.1	242	GB
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Naled	n/a	=	0.12	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Naled	n/a	=	241	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Naled	n/a	=	4	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Naled	n/a	=	0.0143	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Naled	n/a	=	29	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Naled	n/a	=	0.0129	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Naled	n/a	=	26	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Naled	n/a	=	11	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Naled	n/a	=	0.101	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Naled	n/a	=	203	%	EPA 525.2m	-88	-88	0.1	242	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Naled	n/a	=	0.101	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Naled	n/a	=	203	%	EPA 525.2m	-88	-88	0.1	242	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Naled	n/a	=	0.1	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Naled	n/a	=	0.0182	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Naled	n/a	=	36	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Naled	n/a	=	0.123	µg/L	EPA 525.2m	0.0076	0.01			EUM
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Naled	n/a	=	246	%	EPA 525.2m	-88	-88	0.1	240	EUM
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Naled	n/a	=	0.0962	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Naled	n/a	=	192	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Naled	n/a	DNQ	0.0047	µg/L	EPA 525.2m	0	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Naled	n/a	=	9	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Naled	n/a	=	0.0371	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Naled	n/a	=	74	%	EPA 525.2m	-88	-88	0.1	240	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2m	0.0076	0.01			
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	Pentachlorophenol	n/a	=	3.86	µg/L	EPA 515.3	0.04	0.2			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	Pentachlorophenol	n/a	=	4	µg/L	EPA 515.3	0.04	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	3.9	µg/L	EPA 515.3	0.04	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	3.92	µg/L	EPA 515.3	0.04	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	3.77	µg/L	EPA 515.3	0.04	0.2			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	3.88	µg/L	EPA 515.3	0.04	0.2			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/2/2016	Pesticide	Pentachlorophenol	n/a	=	23.7	µg/L	EPA 625	0.19	1			
2015/16-5	000NONPJ	matrix spike, rec	7/2/2016	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 625	-88	-88	14	176	
2015/16-5	000NONPJ	matrix spike dup	7/2/2016	Pesticide	Pentachlorophenol	n/a	=	21.6	µg/L	EPA 625	0.19	1			
2015/16-5	000NONPJ	matrix spike dup, rec	7/2/2016	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 625	-88	-88	14	176	
2015/16-5	000NONPJ	matrix spike, RPD	7/2/2016	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	Pentachlorophenol	n/a	=	3.81	µg/L	EPA 515.3	0.04	0.2			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	6/27/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS	6/27/2016	Pesticide	Pentachlorophenol	n/a	=	22.6	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS, rec	6/27/2016	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 625	-88	-88	14	176	
2015/16-5	Lab	LCS dup	6/27/2016	Pesticide	Pentachlorophenol	n/a	=	19.6	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS dup, rec	6/27/2016	Pesticide	Pentachlorophenol	n/a	=	78	%	EPA 625	-88	-88	14	176	
2015/16-5	Lab	LCS, RPD	6/27/2016	Pesticide	Pentachlorophenol	n/a	=	14	%	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	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Pentachlorophenol	n/a	=	10	µg/L	EPA 8270C	0.15	1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 8270C	-88	-88	29	106	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Pentachlorophenol	n/a	=	8.51	µg/L	EPA 8270C	0.15	1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	29	106	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Pentachlorophenol	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2015/16-5	Lab	LCS	6/30/2016	Pesticide	Pentachlorophenol	n/a	=	8.4	µg/L	EPA 8270C	0.15	1			
2015/16-5	Lab	LCS, rec	6/30/2016	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 8270C	-88	-88	29	106	
2015/16-5	Lab	LCS dup	6/30/2016	Pesticide	Pentachlorophenol	n/a	=	7.26	µg/L	EPA 8270C	0.15	1			
2015/16-5	Lab	LCS dup, rec	6/30/2016	Pesticide	Pentachlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	29	106	
2015/16-5	Lab	LCS, RPD	6/30/2016	Pesticide	Pentachlorophenol	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	3.9	µg/L	EPA 515.3	0.04	0.2			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/2/2016	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS	7/2/2016	Pesticide	Pentachlorophenol	n/a	=	21	µg/L	EPA 625	0.19	1			
2015/16-5	Lab	LCS, rec	7/2/2016	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 625	-88	-88	14	176	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Phorate	n/a	=	0.0654	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Phorate	n/a	=	131	%	EPA 525.2m	-88	-88	31	181	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Phorate	n/a	=	0.0669	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Phorate	n/a	=	134	%	EPA 525.2m	-88	-88	31	181	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Phorate	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Phorate	n/a	=	0.0589	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Phorate	n/a	=	118	%	EPA 525.2m	-88	-88	31	181	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Phorate	n/a	=	0.0542	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Phorate	n/a	=	108	%	EPA 525.2m	-88	-88	31	181	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Phorate	n/a	=	8	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Phorate	n/a	=	0.0601	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Phorate	n/a	=	120	%	EPA 525.2m	-88	-88	31	181	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Phorate	n/a	=	0.0565	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Phorate	n/a	=	113	%	EPA 525.2m	-88	-88	31	181	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Phorate	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Phorate	n/a	=	0.0597	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Phorate	n/a	=	119	%	EPA 525.2m	-88	-88	31	181	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Phorate	n/a	=	0.0588	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Phorate	n/a	=	118	%	EPA 525.2m	-88	-88	31	181	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Phorate	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Phorate	n/a	=	0.0681	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Phorate	n/a	=	136	%	EPA 525.2m	-88	-88	26	180	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Phorate	n/a	=	0.0621	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Phorate	n/a	=	124	%	EPA 525.2m	-88	-88	26	180	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Phorate	n/a	=	0.047	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Phorate	n/a	=	94	%	EPA 525.2m	-88	-88	26	180	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Phorate	n/a	=	0.0484	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Phorate	n/a	=	97	%	EPA 525.2m	-88	-88	26	180	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2m	0.003	0.01			
2015/16-5	000NONPJ	matrix spike	6/25/2016	Pesticide	Picloram	n/a	=	4.12	µg/L	EPA 515.3	0.05	0.6			
2015/16-5	000NONPJ	matrix spike, rec	6/25/2016	Pesticide	Picloram	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	6/25/2016	Pesticide	Picloram	n/a	=	4.28	µg/L	EPA 515.3	0.05	0.6			
2015/16-5	000NONPJ	matrix spike dup, rec	6/25/2016	Pesticide	Picloram	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	6/25/2016	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Picloram	n/a	=	3.96	µg/L	EPA 515.3	0.05	0.6			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Picloram	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Picloram	n/a	=	4.03	µg/L	EPA 515.3	0.05	0.6			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Picloram	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/1/2016	Pesticide	Picloram	n/a	=	4.03	µg/L	EPA 515.3	0.05	0.6			
2015/16-5	000NONPJ	matrix spike, rec	7/1/2016	Pesticide	Picloram	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike dup	7/1/2016	Pesticide	Picloram	n/a	=	3.92	µg/L	EPA 515.3	0.05	0.6			
2015/16-5	000NONPJ	matrix spike dup, rec	7/1/2016	Pesticide	Picloram	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2015/16-5	000NONPJ	matrix spike, RPD	7/1/2016	Pesticide	Picloram	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2015/16-5	Lab	method blank	6/25/2016	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2015/16-5	Lab	LCS	6/25/2016	Pesticide	Picloram	n/a	=	3.79	µg/L	EPA 515.3	0.05	0.6			
2015/16-5	Lab	LCS, rec	6/25/2016	Pesticide	Picloram	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	7/1/2016	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2015/16-5	Lab	LCS	7/1/2016	Pesticide	Picloram	n/a	=	3.99	µg/L	EPA 515.3	0.05	0.6			
2015/16-5	Lab	LCS, rec	7/1/2016	Pesticide	Picloram	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Prometon	n/a	=	3.46	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Prometon	n/a	=	69	%	EPA 525.2	-88	-88	17	101	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Prometon	n/a	=	3.61	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Prometon	n/a	=	72	%	EPA 525.2	-88	-88	17	101	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Prometon	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Prometon	n/a	=	2.49	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Prometon	n/a	=	50	%	EPA 525.2	-88	-88	17	101	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Prometon	n/a	=	2.05	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Prometon	n/a	=	41	%	EPA 525.2	-88	-88	17	101	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Prometon	n/a	=	19	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Prometon	n/a	=	2.27	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Prometon	n/a	=	45	%	EPA 525.2	-88	-88	17	101	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Prometon	n/a	=	1.85	µg/L	EPA 525.2	0.024	0.2			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Prometon	n/a	=	37	%	EPA 525.2	-88	-88	17	101	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Prometon	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Prometryn	n/a	=	3.76	µg/L	EPA 525.2	0.036	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Prometryn	n/a	=	75	%	EPA 525.2	-88	-88	57	122	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Prometryn	n/a	=	4.02	µg/L	EPA 525.2	0.036	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Prometryn	n/a	=	80	%	EPA 525.2	-88	-88	57	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	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Prometryn	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Prometryn	n/a	=	4.07	µg/L	EPA 525.2	0.036	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Prometryn	n/a	=	81	%	EPA 525.2	-88	-88	57	122	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Prometryn	n/a	=	3.77	µg/L	EPA 525.2	0.036	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Prometryn	n/a	=	75	%	EPA 525.2	-88	-88	57	122	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Prometryn	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Prometryn	n/a	=	3.75	µg/L	EPA 525.2	0.036	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Prometryn	n/a	=	75	%	EPA 525.2	-88	-88	57	122	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Prometryn	n/a	=	3.34	µg/L	EPA 525.2	0.036	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Prometryn	n/a	=	67	%	EPA 525.2	-88	-88	57	122	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Prometryn	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.066	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	132	%	EPA 525.2m	-88	-88	29	153	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0562	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	112	%	EPA 525.2m	-88	-88	29	153	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	16	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0572	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	114	%	EPA 525.2m	-88	-88	29	153	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0531	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	106	%	EPA 525.2m	-88	-88	29	153	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0595	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	119	%	EPA 525.2m	-88	-88	29	153	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0576	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	115	%	EPA 525.2m	-88	-88	29	153	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	3	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0578	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	116	%	EPA 525.2m	-88	-88	29	153	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0543	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	109	%	EPA 525.2m	-88	-88	29	153	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0645	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	129	%	EPA 525.2m	-88	-88	34	154	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0629	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	126	%	EPA 525.2m	-88	-88	34	154	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0537	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	107	%	EPA 525.2m	-88	-88	34	154	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0465	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	=	93	%	EPA 525.2m	-88	-88	34	154	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2m	0.0041	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Simazine	n/a	=	3.73	µg/L	EPA 525.2	0.015	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Simazine	n/a	=	75	%	EPA 525.2	-88	-88	53	116	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Simazine	n/a	=	3.85	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Simazine	n/a	=	77	%	EPA 525.2	-88	-88	53	116	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Simazine	n/a	=	4.31	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Simazine	n/a	=	86	%	EPA 525.2	-88	-88	53	116	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Simazine	n/a	=	4.17	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Simazine	n/a	=	83	%	EPA 525.2	-88	-88	53	116	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Simazine	n/a	=	4.86	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Simazine	n/a	=	97	%	EPA 525.2	-88	-88	53	116	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Simazine	n/a	=	4.6	µg/L	EPA 525.2	0.015	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Simazine	n/a	=	92	%	EPA 525.2	-88	-88	53	116	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Simazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.103	µg/L	EPA 525.2m	0.0031	0.01			GB
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	207	%	EPA 525.2m	-88	-88	0.1	167	GB
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.049	µg/L	EPA 525.2m	0.0031	0.01			IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	98	%	EPA 525.2m	-88	-88	0.1	167	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	71	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0685	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	137	%	EPA 525.2m	-88	-88	0.1	167	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0674	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	135	%	EPA 525.2m	-88	-88	0.1	167	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	2	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0671	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	134	%	EPA 525.2m	-88	-88	0.1	167	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0569	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	114	%	EPA 525.2m	-88	-88	0.1	167	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	16	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0551	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	110	%	EPA 525.2m	-88	-88	0.1	167	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0523	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	105	%	EPA 525.2m	-88	-88	0.1	167	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	5	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0875	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	175	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0821	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	164	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0468	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	94	%	EPA 525.2m	-88	-88	0.1	188	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0274	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	55	%	EPA 525.2m	-88	-88	0.1	188	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2m	0.0031	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Terbacil	n/a	=	5.8	µg/L	EPA 525.2	0.55	2			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Terbacil	n/a	=	116	%	EPA 525.2	-88	-88	70	135	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Terbacil	n/a	=	5.48	µg/L	EPA 525.2	0.55	2			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Terbacil	n/a	=	110	%	EPA 525.2	-88	-88	70	135	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Terbacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Terbacil	n/a	=	5.23	µg/L	EPA 525.2	0.55	2			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Terbacil	n/a	=	105	%	EPA 525.2	-88	-88	70	135	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Terbacil	n/a	=	5.39	µg/L	EPA 525.2	0.55	2			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Terbacil	n/a	=	108	%	EPA 525.2	-88	-88	70	135	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Terbacil	n/a	=	5.7	µg/L	EPA 525.2	0.55	2			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Terbacil	n/a	=	114	%	EPA 525.2	-88	-88	70	135	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Terbacil	n/a	=	5.6	µg/L	EPA 525.2	0.55	2			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Terbacil	n/a	=	112	%	EPA 525.2	-88	-88	70	135	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Thiobencarb	n/a	=	3.61	µg/L	EPA 525.2	0.025	0.2			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Thiobencarb	n/a	=	72	%	EPA 525.2	-88	-88	56	125	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Thiobencarb	n/a	=	3.62	µg/L	EPA 525.2	0.025	0.2			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Thiobencarb	n/a	=	72	%	EPA 525.2	-88	-88	56	125	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Thiobencarb	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Thiobencarb	n/a	=	3.97	µg/L	EPA 525.2	0.025	0.2			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Thiobencarb	n/a	=	79	%	EPA 525.2	-88	-88	56	125	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Thiobencarb	n/a	=	3.99	µg/L	EPA 525.2	0.025	0.2			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Thiobencarb	n/a	=	80	%	EPA 525.2	-88	-88	56	125	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Thiobencarb	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Thiobencarb	n/a	=	3.75	µg/L	EPA 525.2	0.025	0.2			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Thiobencarb	n/a	=	75	%	EPA 525.2	-88	-88	56	125	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Thiobencarb	n/a	=	3.58	µg/L	EPA 525.2	0.025	0.2			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Thiobencarb	n/a	=	72	%	EPA 525.2	-88	-88	56	125	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Thiobencarb	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Tokuthion	n/a	=	0.0453	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Tokuthion	n/a	=	91	%	EPA 525.2m	-88	-88	27	160	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Tokuthion	n/a	=	0.0692	µg/L	EPA 525.2m	0.0078	0.01			IL
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Tokuthion	n/a	=	138	%	EPA 525.2m	-88	-88	27	160	IL
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Tokuthion	n/a	=	42	%	EPA 525.2m	-88	-88	0	30	IL
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Tokuthion	n/a	=	0.0524	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Tokuthion	n/a	=	105	%	EPA 525.2m	-88	-88	27	160	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Tokuthion	n/a	=	0.0485	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Tokuthion	n/a	=	97	%	EPA 525.2m	-88	-88	27	160	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Tokuthion	n/a	=	8	%	EPA 525.2m	-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	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Tokuthion	n/a	=	0.0558	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Tokuthion	n/a	=	112	%	EPA 525.2m	-88	-88	27	160	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Tokuthion	n/a	=	0.0668	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Tokuthion	n/a	=	134	%	EPA 525.2m	-88	-88	27	160	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Tokuthion	n/a	=	18	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Tokuthion	n/a	=	0.0729	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Tokuthion	n/a	=	146	%	EPA 525.2m	-88	-88	27	160	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Tokuthion	n/a	=	0.0549	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Tokuthion	n/a	=	110	%	EPA 525.2m	-88	-88	27	160	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Tokuthion	n/a	=	28	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Tokuthion	n/a	=	0.0477	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Tokuthion	n/a	=	95	%	EPA 525.2m	-88	-88	23	159	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Tokuthion	n/a	=	0.0574	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Tokuthion	n/a	=	115	%	EPA 525.2m	-88	-88	23	159	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Tokuthion	n/a	=	0.0718	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Tokuthion	n/a	=	144	%	EPA 525.2m	-88	-88	23	159	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Tokuthion	n/a	=	0.07	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Tokuthion	n/a	=	140	%	EPA 525.2m	-88	-88	23	159	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2m	0.0078	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-5	Lab	method blank	6/30/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-5	Lab	method blank	7/8/2016	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2015/16-5	000NONPJ	matrix spike	6/29/2016	Pesticide	Trichloronate	n/a	=	0.0619	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike, rec	6/29/2016	Pesticide	Trichloronate	n/a	=	124	%	EPA 525.2m	-88	-88	40	150	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Trichloronate	n/a	=	0.0471	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Trichloronate	n/a	=	94	%	EPA 525.2m	-88	-88	40	150	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Trichloronate	n/a	=	27	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/5/2016	Pesticide	Trichloronate	n/a	=	0.0565	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/5/2016	Pesticide	Trichloronate	n/a	=	113	%	EPA 525.2m	-88	-88	40	150	
2015/16-5	000NONPJ	matrix spike dup	7/5/2016	Pesticide	Trichloronate	n/a	=	0.0532	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/5/2016	Pesticide	Trichloronate	n/a	=	106	%	EPA 525.2m	-88	-88	40	150	
2015/16-5	000NONPJ	matrix spike, RPD	7/5/2016	Pesticide	Trichloronate	n/a	=	6	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/6/2016	Pesticide	Trichloronate	n/a	=	0.0548	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/6/2016	Pesticide	Trichloronate	n/a	=	110	%	EPA 525.2m	-88	-88	40	150	
2015/16-5	000NONPJ	matrix spike dup	7/6/2016	Pesticide	Trichloronate	n/a	=	0.0511	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/6/2016	Pesticide	Trichloronate	n/a	=	102	%	EPA 525.2m	-88	-88	40	150	
2015/16-5	000NONPJ	matrix spike, RPD	7/6/2016	Pesticide	Trichloronate	n/a	=	7	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	000NONPJ	matrix spike	7/7/2016	Pesticide	Trichloronate	n/a	=	0.0547	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike, rec	7/7/2016	Pesticide	Trichloronate	n/a	=	109	%	EPA 525.2m	-88	-88	40	150	
2015/16-5	000NONPJ	matrix spike dup	7/7/2016	Pesticide	Trichloronate	n/a	=	0.0451	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	000NONPJ	matrix spike dup, rec	7/7/2016	Pesticide	Trichloronate	n/a	=	90	%	EPA 525.2m	-88	-88	40	150	
2015/16-5	000NONPJ	matrix spike, RPD	7/7/2016	Pesticide	Trichloronate	n/a	=	19	%	EPA 525.2m	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Trichloronate	n/a	=	0.0627	µg/L	EPA 525.2m	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	
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Trichloronate	n/a	=	125	%	EPA 525.2m	-88	-88	34	153	
2015/16-5	Lab	method blank	7/5/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS	7/5/2016	Pesticide	Trichloronate	n/a	=	0.0634	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS, rec	7/5/2016	Pesticide	Trichloronate	n/a	=	127	%	EPA 525.2m	-88	-88	34	153	
2015/16-5	Lab	method blank	7/6/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS	7/6/2016	Pesticide	Trichloronate	n/a	=	0.056	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS, rec	7/6/2016	Pesticide	Trichloronate	n/a	=	112	%	EPA 525.2m	-88	-88	34	153	
2015/16-5	Lab	LCS	7/7/2016	Pesticide	Trichloronate	n/a	=	0.0466	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	LCS, rec	7/7/2016	Pesticide	Trichloronate	n/a	=	93	%	EPA 525.2m	-88	-88	34	153	
2015/16-5	Lab	method blank	7/7/2016	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2m	0.0067	0.01			
2015/16-5	Lab	method blank	6/28/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS	6/28/2016	Pesticide	Trithion	n/a	=	3.68	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS, rec	6/28/2016	Pesticide	Trithion	n/a	=	74	%	EPA 525.2	-88	-88	60	124	
2015/16-5	Lab	LCS dup	6/28/2016	Pesticide	Trithion	n/a	=	4.36	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS dup, rec	6/28/2016	Pesticide	Trithion	n/a	=	87	%	EPA 525.2	-88	-88	60	124	
2015/16-5	Lab	LCS, RPD	6/28/2016	Pesticide	Trithion	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	LCS	6/29/2016	Pesticide	Trithion	n/a	=	4.39	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS, rec	6/29/2016	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	60	124	
2015/16-5	Lab	LCS dup	6/29/2016	Pesticide	Trithion	n/a	=	4.39	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS dup, rec	6/29/2016	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	60	124	
2015/16-5	Lab	LCS, RPD	6/29/2016	Pesticide	Trithion	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2015/16-5	Lab	method blank	6/29/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	method blank	7/13/2016	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS	7/13/2016	Pesticide	Trithion	n/a	=	4.36	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS, rec	7/13/2016	Pesticide	Trithion	n/a	=	87	%	EPA 525.2	-88	-88	60	124	
2015/16-5	Lab	LCS dup	7/13/2016	Pesticide	Trithion	n/a	=	4.4	µg/L	EPA 525.2	0.012	0.1			
2015/16-5	Lab	LCS dup, rec	7/13/2016	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	60	124	
2015/16-5	Lab	LCS, RPD	7/13/2016	Pesticide	Trithion	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	000NONPJ	matrix spike	9/28/2015	Metal	Aluminum	Total	=	7060	µg/L	EPA 200.8	1.3	5			BB,GB
2015/16-PRE	000NONPJ	matrix spike, rec	9/28/2015	Metal	Aluminum	Total	=	738	%	EPA 200.8	-88	-88	70	130	BB,GB
2015/16-PRE	000NONPJ	matrix spike dup	9/28/2015	Metal	Aluminum	Total	=	6700	µg/L	EPA 200.8	1.3	5			BB,GB
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Aluminum	Total	=	6	%	EPA 200.8	-88	-88	70	130	BB,GB
2015/16-PRE	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Aluminum	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	matrix spike	9/2/2015	Metal	Aluminum	Total	=	71.8	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Carboy Blank	matrix spike, rec	9/2/2015	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	9/2/2015	Metal	Aluminum	Total	=	76.3	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	9/2/2015	Metal	Aluminum	Total	=	110	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	9/2/2015	Metal	Aluminum	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/2/2015	Metal	Aluminum	Total	=	21	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Carboy Blank	matrix spike	9/28/2015	Metal	Aluminum	Total	=	64	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Carboy Blank	matrix spike, rec	9/28/2015	Metal	Aluminum	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	9/28/2015	Metal	Aluminum	Total	=	61.8	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	9/28/2015	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	9/28/2015	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/28/2015	Metal	Aluminum	Total	=	11	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Lab	method blank	9/2/2015	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Lab	LCS	9/2/2015	Metal	Aluminum	Total	=	52.8	µg/L	EPA 200.8	1.3	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	
2015/16-PRE	Lab	LCS, rec	9/2/2015	Metal	Aluminum	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Lab	method blank	9/28/2015	Metal	Aluminum	Total	<	1.3	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Lab	LCS	9/28/2015	Metal	Aluminum	Total	=	51.6	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Lab	LCS, rec	9/28/2015	Metal	Aluminum	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	9/2/2015	Metal	Aluminum	Total	=	74	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Tubing Blank	equip blank	9/28/2015	Metal	Aluminum	Total	=	22	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	ing Blank (distill	equip blank	9/28/2015	Metal	Aluminum	Total	=	25	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	ing Hose (distilled)	equip blank	9/28/2015	Metal	Aluminum	Total	=	19	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Tubing Hose Blank	equip blank	9/28/2015	Metal	Aluminum	Total	=	17	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Aluminum	Total	=	36	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Aluminum	Total	=	70	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Aluminum	Total	=	19	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Aluminum	Total	=	56	µg/L	EPA 200.8	1.3	5			
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Antimony	Total	=	48.2	µg/L	EPA 200.8	0.045	0.5			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Antimony	Total	=	48.8	µg/L	EPA 200.8	0.045	0.5			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Antimony	Total	DNQ	0.05	µg/L	EPA 200.8	0.045	0.5			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Antimony	Total	<	0.045	µg/L	EPA 200.8	0.045	0.5			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Antimony	Total	=	48.9	µg/L	EPA 200.8	0.045	0.5			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Antimony	Total	DNQ	0.07	µg/L	EPA 200.8	0.045	0.5			
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Arsenic	Total	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Arsenic	Total	=	51.9	µg/L	EPA 200.8	0.074	0.4			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Arsenic	Total	DNQ	0.13	µg/L	EPA 200.8	0.074	0.4			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Arsenic	Total	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Arsenic	Total	DNQ	0.15	µg/L	EPA 200.8	0.074	0.4			
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Beryllium	Total	=	50.9	µg/L	EPA 200.8	0.033	0.1			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Beryllium	Total	=	51	µg/L	EPA 200.8	0.033	0.1			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Beryllium	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Beryllium	Total	=	49.7	µg/L	EPA 200.8	0.033	0.1			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Beryllium	Total	<	0.033	µg/L	EPA 200.8	0.033	0.1			
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Cadmium	Total	=	50	µg/L	EPA 200.8	0.041	0.1			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.041	0.1			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Cadmium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Cadmium	Total	=	50.9	µg/L	EPA 200.8	0.041	0.1			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Cadmium	Total	<	0.041	µg/L	EPA 200.8	0.041	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/28/2015	Metal	Chromium	Total	=	60.6	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	000NONPJ	matrix spike, rec	9/28/2015	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike dup	9/28/2015	Metal	Chromium	Total	=	60.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Chromium	Total	=	52	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Chromium	Total	=	52.7	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Chromium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Chromium	Total	DNQ	0.1	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Carboy Blank	matrix spike	9/28/2015	Metal	Chromium	Total	=	51.1	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Carboy Blank	matrix spike, rec	9/28/2015	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	9/28/2015	Metal	Chromium	Total	=	51.5	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	9/28/2015	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	9/28/2015	Metal	Chromium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/28/2015	Metal	Chromium	Total	=	0.44	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Chromium	Total	=	52.1	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Lab	method blank	9/28/2015	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Lab	LCS	9/28/2015	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Lab	LCS, rec	9/28/2015	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Chromium	Total	=	0.33	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Tubing Blank	equip blank	9/28/2015	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	bing Blank (distill	equip blank	9/28/2015	Metal	Chromium	Total	DNQ	0.11	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	ng Hose (distilled)	equip blank	9/28/2015	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Tubing Hose Blank	equip blank	9/28/2015	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Chromium	Total	DNQ	0.09	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Chromium	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Chromium	Total	=	0.51	µg/L	EPA 200.8	0.035	0.2			
2015/16-PRE	000NONPJ	matrix spike	9/28/2015	Metal	Copper	Total	=	89.5	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	000NONPJ	matrix spike, rec	9/28/2015	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike dup	9/28/2015	Metal	Copper	Total	=	89.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Copper	Total	=	57.5	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Copper	Total	=	58.4	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Copper	Total	=	108	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Copper	Total	=	4.6	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Carboy Blank	matrix spike	9/28/2015	Metal	Copper	Total	=	51.7	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Carboy Blank	matrix spike, rec	9/28/2015	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	9/28/2015	Metal	Copper	Total	=	52	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	9/28/2015	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	9/28/2015	Metal	Copper	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/28/2015	Metal	Copper	Total	=	0.69	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Copper	Total	=	54	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Copper	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Lab	method blank	9/28/2015	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Lab	LCS	9/28/2015	Metal	Copper	Total	=	50	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Lab	LCS, rec	9/28/2015	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Copper	Total	=	2.8	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Tubing Blank	equip blank	9/28/2015	Metal	Copper	Total	DNQ	0.3	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	bing Blank (distill	equip blank	9/28/2015	Metal	Copper	Total	=	0.83	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	ing Hose (distilled)	equip blank	9/28/2015	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Tubing Hose Blank	equip blank	9/28/2015	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Copper	Total	=	7.9	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Copper	Total	=	1.4	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Copper	Total	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Copper	Total	=	0.63	µg/L	EPA 200.8	0.13	0.5			
2015/16-PRE	000NONPJ	matrix spike	8/26/2015	Metal	Iron	Total	=	298	µg/L	EPA 200.7	1.1	10			
2015/16-PRE	000NONPJ	matrix spike, rec	8/26/2015	Metal	Iron	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike dup	8/26/2015	Metal	Iron	Total	=	304	µg/L	EPA 200.7	1.1	10			
2015/16-PRE	000NONPJ	matrix spike dup, rec	8/26/2015	Metal	Iron	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike, RPD	8/26/2015	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2015/16-PRE	000NONPJ	matrix spike	8/26/2015	Metal	Iron	Total	=	492	µg/L	EPA 200.7	1.1	10			
2015/16-PRE	000NONPJ	matrix spike, rec	8/26/2015	Metal	Iron	Total	=	117	%	EPA 200.7	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike dup	8/26/2015	Metal	Iron	Total	=	445	µg/L	EPA 200.7	1.1	10			
2015/16-PRE	000NONPJ	matrix spike dup, rec	8/26/2015	Metal	Iron	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike, RPD	8/26/2015	Metal	Iron	Total	=	10	%	EPA 200.7	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/26/2015	Metal	Iron	Total	=	18	µg/L	EPA 200.7	1.1	10			
2015/16-PRE	Lab	method blank	8/26/2015	Metal	Iron	Total	DNQ	2.01	µg/L	EPA 200.7	1.1	10			IP
2015/16-PRE	Lab	LCS	8/26/2015	Metal	Iron	Total	=	189	µg/L	EPA 200.7	1.1	10			
2015/16-PRE	Lab	LCS, rec	8/26/2015	Metal	Iron	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/26/2015	Metal	Iron	Total	=	75	µg/L	EPA 200.7	1.1	10			
2015/16-PRE	000NONPJ	matrix spike	9/28/2015	Metal	Lead	Total	=	61.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	000NONPJ	matrix spike, rec	9/28/2015	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike dup	9/28/2015	Metal	Lead	Total	=	60.5	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/28/2015	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/28/2015	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Lead	Total	=	51.8	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Lead	Total	=	51.5	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Lead	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Lead	Total	DNQ	0.08	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Carboy Blank	matrix spike	9/28/2015	Metal	Lead	Total	=	50.2	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Carboy Blank	matrix spike, rec	9/28/2015	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	9/28/2015	Metal	Lead	Total	=	50.9	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	9/28/2015	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	9/28/2015	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/28/2015	Metal	Lead	Total	DNQ	0.07	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Lead	Total	=	51.1	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Lab	method blank	9/28/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Lab	LCS	9/28/2015	Metal	Lead	Total	=	48.4	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Lab	LCS, rec	9/28/2015	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Lead	Total	=	0.39	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Tubing Blank	equip blank	9/28/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	bing Blank (distill	equip blank	9/28/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	ing Hose (distilled)	equip blank	9/28/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Tubing Hose Blank	equip blank	9/28/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Lead	Total	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	Ultrapure Water	equip blank	9/28/2015	Metal	Lead	Total	DNQ	0.07	µg/L	EPA 200.8	0.031	0.2			
2015/16-PRE	000NONPJ	matrix spike	8/27/2015	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2015/16-PRE	000NONPJ	matrix spike	8/27/2015	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2015/16-PRE	000NONPJ	matrix spike dup	8/27/2015	Metal	Mercury	Total	=	997	ng/L	EPA 245.1	3.9	50			
2015/16-PRE	000NONPJ	matrix spike dup	8/27/2015	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2015/16-PRE	000NONPJ	matrix spike dup, rec	8/27/2015	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike dup, rec	8/27/2015	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike, rec	8/27/2015	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike, rec	8/27/2015	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2015/16-PRE	000NONPJ	matrix spike, RPD	8/27/2015	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	
2015/16-PRE	000NONPJ	matrix spike, RPD	8/27/2015	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2015/16-PRE	Carboy Blank	equip blank	8/27/2015	Metal	Mercury	Total	DNQ	13	ng/L	EPA 245.1	3.9	50			IP
2015/16-PRE	Lab	LCS	8/27/2015	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2015/16-PRE	Lab	LCS, rec	8/27/2015	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	85	115	
2015/16-PRE	Lab	method blank	8/27/2015	Metal	Mercury	Total	DNQ	13	ng/L	EPA 245.1	3.9	50			IP
2015/16-PRE	Tubing Blank	equip blank	8/27/2015	Metal	Mercury	Total	DNQ	11	ng/L	EPA 245.1	3.9	50			IP
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Nickel	Total	=	52.5	µg/L	EPA 200.8	0.045	0.8			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Nickel	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Nickel	Total	=	53.3	µg/L	EPA 200.8	0.045	0.8			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Nickel	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Nickel	Total	DNQ	0.22	µg/L	EPA 200.8	0.045	0.8			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Nickel	Total	=	53.2	µg/L	EPA 200.8	0.045	0.8			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Nickel	Total	=	106	%	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	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Nickel	Total	<	0.045	µg/L	EPA 200.8	0.045	0.8			
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Selenium	Total	=	49.3	µg/L	EPA 200.8	0.14	0.4			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Selenium	Total	=	50	µg/L	EPA 200.8	0.14	0.4			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Selenium	Total	=	51.6	µg/L	EPA 200.8	0.14	0.4			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Selenium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Selenium	Total	<	0.14	µg/L	EPA 200.8	0.14	0.4			
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.062	0.2			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.062	0.2			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Silver	Total	=	0.08	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Silver	Total	=	49.2	µg/L	EPA 200.8	0.062	0.2			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Silver	Total	<	0.062	µg/L	EPA 200.8	0.062	0.2			
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Thallium	Total	=	53.6	µg/L	EPA 200.8	0.014	0.2			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Thallium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Thallium	Total	=	53.5	µg/L	EPA 200.8	0.014	0.2			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Thallium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Thallium	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Thallium	Total	=	52.2	µg/L	EPA 200.8	0.014	0.2			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Thallium	Total	<	0.014	µg/L	EPA 200.8	0.014	0.2			
2015/16-PRE	Carboy Blank	matrix spike	8/30/2015	Metal	Zinc	Total	=	52.2	µg/L	EPA 200.8	0.94	5			
2015/16-PRE	Carboy Blank	matrix spike, rec	8/30/2015	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike dup	8/30/2015	Metal	Zinc	Total	=	52.9	µg/L	EPA 200.8	0.94	5			
2015/16-PRE	Carboy Blank	matrix spike dup, rec	8/30/2015	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2015/16-PRE	Carboy Blank	matrix spike, RPD	8/30/2015	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	8/30/2015	Metal	Zinc	Total	DNQ	1	µg/L	EPA 200.8	0.94	5			
2015/16-PRE	Lab	method blank	8/30/2015	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-PRE	Lab	LCS	8/30/2015	Metal	Zinc	Total	=	53.8	µg/L	EPA 200.8	0.94	5			
2015/16-PRE	Lab	LCS, rec	8/30/2015	Metal	Zinc	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2015/16-PRE	Tubing Blank	equip blank	8/30/2015	Metal	Zinc	Total	<	0.94	µg/L	EPA 200.8	0.94	5			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	16.6	µg/L	EPA 625	0.55	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	44	142	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	15.9	µg/L	EPA 625	0.55	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	44	142	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	1,2,4-Trichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	1,2-Dichlorobenzene	n/a	=	15.8	µg/L	EPA 625	0.57	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	1,2-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	32	129	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	1,2-Dichlorobenzene	n/a	=	14.9	µg/L	EPA 625	0.57	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	1,2-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	32	129	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	1,2-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	1,3-Dichlorobenzene	n/a	=	15.2	µg/L	EPA 625	0.53	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	1,3-Dichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	0.1	172	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	1,3-Dichlorobenzene	n/a	=	14.1	µg/L	EPA 625	0.53	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	1,3-Dichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	0.1	172	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	1,3-Dichlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2015/16-PRE	000NONPJ	srgt matrix spike	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	000NONPJ	srgt matrix spike, rec	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2015/16-PRE	000NONPJ	srgt matrix spike dup	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	000NONPJ	srgt matrix spike dup, rec	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	138	
2015/16-PRE	Carboy Blank	srgt equip blank	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Carboy Blank	srgt equip blank, rec	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	138	
2015/16-PRE	Lab	srgt method blank	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Lab	srgt method blank, rec	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	138	
2015/16-PRE	Lab	srgt LCS	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Lab	srgt LCS, rec	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	138	
2015/16-PRE	Tubing Blank	srgt equip blank	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Tubing Blank	srgt equip blank, rec	9/12/2015	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	138	
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	1,4-Dichlorobenzene	n/a	=	16	µg/L	EPA 625	0.55	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	1,4-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	20	124	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	1,4-Dichlorobenzene	n/a	=	14.8	µg/L	EPA 625	0.55	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	1,4-Dichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	20	124	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	1,4-Dichlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2015/16-PRE	Carboy Blank	srgt equip blank	9/5/2015	Organic	2,4,6-Tribromophenol	n/a	=	33.5	µg/L	EPA 625	-88	-88			
2015/16-PRE	Carboy Blank	srgt equip blank, rec	9/5/2015	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625	-88	-88	25	102	
2015/16-PRE	Lab	srgt method blank	9/5/2015	Organic	2,4,6-Tribromophenol	n/a	=	30.8	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt method blank, rec	9/5/2015	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	25	102	
2015/16-PRE	Lab	srgt LCS	9/5/2015	Organic	2,4,6-Tribromophenol	n/a	=	39.1	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS, rec	9/5/2015	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	25	102	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	Lab	srgt LCS dup	9/5/2015	Organic	2,4,6-Tribromophenol	n/a	=	37.1	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS dup, rec	9/5/2015	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	25	102	
2015/16-PRE	Tubing Blank	srgt equip blank	9/5/2015	Organic	2,4,6-Tribromophenol	n/a	=	35	µg/L	EPA 625	-88	-88			
2015/16-PRE	Tubing Blank	srgt equip blank, rec	9/5/2015	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	25	102	
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	2,4,6-Trichlorophenol	n/a	=	18.7	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 625	-88	-88	37	144	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	2,4,6-Trichlorophenol	n/a	=	17.4	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	2,4,6-Trichlorophenol	n/a	=	70	%	EPA 625	-88	-88	37	144	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	2,4,6-Trichlorophenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	2,4-Dichlorophenol	n/a	=	17.7	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	2,4-Dichlorophenol	n/a	=	71	%	EPA 625	-88	-88	39	135	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	2,4-Dichlorophenol	n/a	=	17	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	2,4-Dichlorophenol	n/a	=	68	%	EPA 625	-88	-88	39	135	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	2,4-Dimethylphenol	n/a	=	11.8	µg/L	EPA 625	0.3	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	2,4-Dimethylphenol	n/a	=	47	%	EPA 625	-88	-88	32	119	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	2,4-Dimethylphenol	n/a	=	11.9	µg/L	EPA 625	0.3	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	2,4-Dimethylphenol	n/a	=	48	%	EPA 625	-88	-88	32	119	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	2,4-Dimethylphenol	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	2,4-Dimethylphenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	2,4-Dinitrophenol	n/a	DNQ	2.19	µg/L	EPA 625	1.6	10			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	2,4-Dinitrophenol	n/a	=	9	%	EPA 625	-88	-88	0.1	191	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	2,4-Dinitrophenol	n/a	DNQ	1.91	µg/L	EPA 625	1.6	10			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625	-88	-88	0.1	191	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	2,4-Dinitrophenol	n/a	=	14	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	2,4-Dinitrophenol	n/a	<	1.6	µg/L	EPA 625	1.6	10			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	2,4-Dinitrotoluene	n/a	=	21.6	µg/L	EPA 625	0.18	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	2,4-Dinitrotoluene	n/a	=	86	%	EPA 625	-88	-88	39	139	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	2,4-Dinitrotoluene	n/a	=	20.6	µg/L	EPA 625	0.18	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	2,4-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	39	139	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	2,6-Dinitrotoluene	n/a	=	22	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	
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	2,6-Dinitrotoluene	n/a	=	88	%	EPA 625	-88	-88	50	158	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	2,6-Dinitrotoluene	n/a	=	20.4	µg/L	EPA 625	0.27	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	2,6-Dinitrotoluene	n/a	=	82	%	EPA 625	-88	-88	50	158	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	2,6-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	2-Chloronaphthalene	n/a	=	17.6	µg/L	EPA 625	0.45	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	2-Chloronaphthalene	n/a	=	70	%	EPA 625	-88	-88	60	118	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	2-Chloronaphthalene	n/a	=	17	µg/L	EPA 625	0.45	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	2-Chloronaphthalene	n/a	=	68	%	EPA 625	-88	-88	60	118	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	2-Chloronaphthalene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	2-Chlorophenol	n/a	=	17.1	µg/L	EPA 625	0.28	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	2-Chlorophenol	n/a	=	68	%	EPA 625	-88	-88	23	134	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	2-Chlorophenol	n/a	=	15.8	µg/L	EPA 625	0.28	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	2-Chlorophenol	n/a	=	63	%	EPA 625	-88	-88	23	134	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	2-Chlorophenol	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625	0.28	1			
2015/16-PRE	Carboy Blank	srgt equip blank	9/5/2015	Organic	2-Fluorobiphenyl	n/a	=	20.5	µg/L	EPA 625	-88	-88			
2015/16-PRE	Carboy Blank	srgt equip blank, rec	9/5/2015	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625	-88	-88	22	107	
2015/16-PRE	Lab	srgt method blank	9/5/2015	Organic	2-Fluorobiphenyl	n/a	=	18.3	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt method blank, rec	9/5/2015	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	107	
2015/16-PRE	Lab	srgt LCS	9/5/2015	Organic	2-Fluorobiphenyl	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS, rec	9/5/2015	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	107	
2015/16-PRE	Lab	srgt LCS dup	9/5/2015	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS dup, rec	9/5/2015	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	107	
2015/16-PRE	Tubing Blank	srgt equip blank	9/5/2015	Organic	2-Fluorobiphenyl	n/a	=	20.8	µg/L	EPA 625	-88	-88			
2015/16-PRE	Tubing Blank	srgt equip blank, rec	9/5/2015	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	107	
2015/16-PRE	Carboy Blank	srgt equip blank	9/5/2015	Organic	2-Fluorophenol	n/a	=	26	µg/L	EPA 625	-88	-88			
2015/16-PRE	Carboy Blank	srgt equip blank, rec	9/5/2015	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625	-88	-88	3	74	
2015/16-PRE	Lab	srgt method blank	9/5/2015	Organic	2-Fluorophenol	n/a	=	24.2	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt method blank, rec	9/5/2015	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	3	74	
2015/16-PRE	Lab	srgt LCS	9/5/2015	Organic	2-Fluorophenol	n/a	=	22	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS, rec	9/5/2015	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	3	74	
2015/16-PRE	Lab	srgt LCS dup	9/5/2015	Organic	2-Fluorophenol	n/a	=	19.7	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS dup, rec	9/5/2015	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	3	74	
2015/16-PRE	Tubing Blank	srgt equip blank	9/5/2015	Organic	2-Fluorophenol	n/a	=	25.6	µg/L	EPA 625	-88	-88			
2015/16-PRE	Tubing Blank	srgt equip blank, rec	9/5/2015	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	3	74	
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	2-Nitrophenol	n/a	=	16.8	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	2-Nitrophenol	n/a	=	67	%	EPA 625	-88	-88	29	182	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	2-Nitrophenol	n/a	=	16.2	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	2-Nitrophenol	n/a	=	65	%	EPA 625	-88	-88	29	182	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	2-Nitrophenol	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	13.3	µg/L	EPA 625	1.2	5			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	53	%	EPA 625	-88	-88	0.1	262	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	12.3	µg/L	EPA 625	1.2	5			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	49	%	EPA 625	-88	-88	0.1	262	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	3,3'-Dichlorobenzidine	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	DNQ	4.06	µg/L	EPA 625	1.7	5			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16	%	EPA 625	-88	-88	0.1	181	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	DNQ	4.07	µg/L	EPA 625	1.7	5			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16	%	EPA 625	-88	-88	0.1	181	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.2	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	4,6-Dinitro-2-methylphenol	n/a	<	1.7	µg/L	EPA 625	1.7	5			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	20.1	µg/L	EPA 625	0.36	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	53	127	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	19.3	µg/L	EPA 625	0.36	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	77	%	EPA 625	-88	-88	53	127	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	4-Bromophenyl phenyl ether	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	4-Chloro-3-methylphenol	n/a	=	19.7	µg/L	EPA 625	0.23	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	4-Chloro-3-methylphenol	n/a	=	79	%	EPA 625	-88	-88	22	147	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	4-Chloro-3-methylphenol	n/a	=	18.3	µg/L	EPA 625	0.23	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	4-Chloro-3-methylphenol	n/a	=	73	%	EPA 625	-88	-88	22	147	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	4-Chloro-3-methylphenol	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625	0.23	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.9	µg/L	EPA 625	0.41	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	83	%	EPA 625	-88	-88	25	158	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	20	µg/L	EPA 625	0.41	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625	-88	-88	25	158	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	4-Chlorophenyl phenyl ether	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	4-Nitrophenol	n/a	=	5.16	µg/L	EPA 625	0.45	5			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	4-Nitrophenol	n/a	=	21	%	EPA 625	-88	-88	0.1	132	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	4-Nitrophenol	n/a	=	6.11	µg/L	EPA 625	0.45	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	
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	4-Nitrophenol	n/a	=	24	%	EPA 625	-88	-88	0.1	132	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	4-Nitrophenol	n/a	=	17	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	4-Nitrophenol	n/a	<	0.45	µg/L	EPA 625	0.45	5			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Acenaphthene	n/a	=	21.6	µg/L	EPA 625	0.38	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Acenaphthene	n/a	=	86	%	EPA 625	-88	-88	47	145	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Acenaphthene	n/a	=	21	µg/L	EPA 625	0.38	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Acenaphthene	n/a	=	84	%	EPA 625	-88	-88	47	145	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Acenaphthene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Acenaphthylene	n/a	=	21.6	µg/L	EPA 625	0.4	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Acenaphthylene	n/a	=	86	%	EPA 625	-88	-88	33	145	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Acenaphthylene	n/a	=	20	µg/L	EPA 625	0.4	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Acenaphthylene	n/a	=	80	%	EPA 625	-88	-88	33	145	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Acenaphthylene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625	0.4	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Anthracene	n/a	=	22.5	µg/L	EPA 625	0.34	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Anthracene	n/a	=	90	%	EPA 625	-88	-88	27	133	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Anthracene	n/a	=	21.2	µg/L	EPA 625	0.34	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Anthracene	n/a	=	85	%	EPA 625	-88	-88	27	133	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Anthracene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Anthracene	n/a	<	0.34	µg/L	EPA 625	0.34	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Benz(a)anthracene	n/a	=	20.4	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Benz(a)anthracene	n/a	=	81	%	EPA 625	-88	-88	33	143	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Benz(a)anthracene	n/a	=	18.2	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 625	-88	-88	33	143	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Benz(a)anthracene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Benididine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Benididine	n/a	<	3.7	µg/L	EPA 625	3.7	5			
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Benididine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Organic	Benzo(a)pyrene	n/a	=	4.74	µg/L	EPA 525.2	0.07	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 525.2	-88	-88	12	148	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Organic	Benzo(a)pyrene	n/a	=	4.8	µg/L	EPA 525.2	0.07	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 525.2	-88	-88	12	148	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Benzo(a)pyrene	n/a	=	12.8	µg/L	EPA 625	0.13	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	
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Benzo(a)pyrene	n/a	=	51	%	EPA 625	-88	-88	17	163	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Benzo(a)pyrene	n/a	=	11.6	µg/L	EPA 625	0.13	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Benzo(a)pyrene	n/a	=	46	%	EPA 625	-88	-88	17	163	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Benzo(a)pyrene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Lab	method blank	9/12/2015	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Organic	Benzo(a)pyrene	n/a	=	4.3	µg/L	EPA 525.2	0.07	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Organic	Benzo(a)pyrene	n/a	=	86	%	EPA 525.2	-88	-88	40	147	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Benzo(a)pyrene	n/a	<	0.13	µg/L	EPA 625	0.13	1			
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Benzo(b)fluoranthene	n/a	=	15	µg/L	EPA 625	0.14	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Benzo(b)fluoranthene	n/a	=	60	%	EPA 625	-88	-88	24	159	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Benzo(b)fluoranthene	n/a	=	14.8	µg/L	EPA 625	0.14	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Benzo(b)fluoranthene	n/a	=	59	%	EPA 625	-88	-88	24	159	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Benzo(b)fluoranthene	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Benzo(g,h,i)perylene	n/a	=	11.1	µg/L	EPA 625	0.1	2			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Benzo(g,h,i)perylene	n/a	=	44	%	EPA 625	-88	-88	0.1	219	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Benzo(g,h,i)perylene	n/a	=	10.6	µg/L	EPA 625	0.1	2			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Benzo(g,h,i)perylene	n/a	=	42	%	EPA 625	-88	-88	0.1	219	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Benzo(g,h,i)perylene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 625	0.1	2			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Benzo(k)fluoranthene	n/a	=	16	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Benzo(k)fluoranthene	n/a	=	64	%	EPA 625	-88	-88	11	162	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Benzo(k)fluoranthene	n/a	=	12.8	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Benzo(k)fluoranthene	n/a	=	51	%	EPA 625	-88	-88	11	162	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Benzo(k)fluoranthene	n/a	=	22	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	17.3	µg/L	EPA 625	0.25	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	69	%	EPA 625	-88	-88	33	184	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.9	µg/L	EPA 625	0.25	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	67	%	EPA 625	-88	-88	33	184	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	16	µg/L	EPA 625	0.27	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	64	%	EPA 625	-88	-88	12	158	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	15	µg/L	EPA 625	0.27	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	60	%	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	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Bis(2-chloroethyl)ether	n/a	=	7	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.1	µg/L	EPA 625	0.38	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	77	%	EPA 625	-88	-88	36	166	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18	µg/L	EPA 625	0.38	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	72	%	EPA 625	-88	-88	36	166	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.29	µg/L	EPA 525.2	0.1	5			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	103	%	EPA 525.2	-88	-88	84	158	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.61	µg/L	EPA 525.2	0.1	5			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	109	%	EPA 525.2	-88	-88	84	158	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.16	µg/L	EPA 525.2	0.1	5			IP
2015/16-PRE	Lab	method blank	9/12/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.17	µg/L	EPA 525.2	0.1	5			IP
2015/16-PRE	Lab	LCS	9/12/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.72	µg/L	EPA 525.2	0.1	5			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	=	114	%	EPA 525.2	-88	-88	71	158	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.17	µg/L	EPA 525.2	0.1	5			IP
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.95	µg/L	EPA 525.2	1.1	3			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	119	%	EPA 525.2	-88	-88	74	152	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.01	µg/L	EPA 525.2	1.1	3			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	120	%	EPA 525.2	-88	-88	74	152	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	4			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.1	µg/L	EPA 625	2.3	4			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	92	%	EPA 625	-88	-88	8	158	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.9	µg/L	EPA 625	2.3	4			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	84	%	EPA 625	-88	-88	8	158	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Lab	method blank	9/12/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.38	µg/L	EPA 525.2	1.1	3			IP
2015/16-PRE	Lab	LCS	9/12/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.99	µg/L	EPA 525.2	1.1	3			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	120	%	EPA 525.2	-88	-88	68	154	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625	2.3	5			
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Butyl benzyl phthalate	n/a	DNQ	0.61	µg/L	EPA 625	0.18	1			IP
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Butyl benzyl phthalate	n/a	DNQ	0.61	µg/L	EPA 625	0.18	1			IP
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Butyl benzyl phthalate	n/a	=	22.3	µg/L	EPA 625	0.18	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Butyl benzyl phthalate	n/a	=	89	%	EPA 625	-88	-88	0.1	152	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Butyl benzyl phthalate	n/a	=	19.7	µg/L	EPA 625	0.18	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Butyl benzyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Butyl benzyl phthalate	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Butyl benzyl phthalate	n/a	DNQ	0.64	µg/L	EPA 625	0.18	1			IP
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Chrysene	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	
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Chrysene	n/a	=	22.4	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Chrysene	n/a	=	90	%	EPA 625	-88	-88	17	168	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Chrysene	n/a	=	20.2	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Chrysene	n/a	=	81	%	EPA 625	-88	-88	17	168	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Chrysene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Dibenz(a,h)anthracene	n/a	=	12.6	µg/L	EPA 625	0.08	2			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Dibenz(a,h)anthracene	n/a	=	50	%	EPA 625	-88	-88	0.1	227	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Dibenz(a,h)anthracene	n/a	=	11.9	µg/L	EPA 625	0.08	2			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Dibenz(a,h)anthracene	n/a	=	48	%	EPA 625	-88	-88	0.1	227	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Diethyl phthalate	n/a	=	21.3	µg/L	EPA 625	0.15	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Diethyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	114	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Diethyl phthalate	n/a	=	20.6	µg/L	EPA 625	0.15	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	114	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Diethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Diethyl phthalate	n/a	=	1.6	µg/L	EPA 625	0.15	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Dimethyl phthalate	n/a	=	23.4	µg/L	EPA 625	0.18	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Dimethyl phthalate	n/a	=	94	%	EPA 625	-88	-88	0.1	112	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Dimethyl phthalate	n/a	=	21.3	µg/L	EPA 625	0.18	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Dimethyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	112	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Dimethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Di-n-butylphthalate	n/a	DNQ	0.33	µg/L	EPA 625	0.24	1			IP
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Di-n-butylphthalate	n/a	DNQ	0.35	µg/L	EPA 625	0.24	1			IP
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Di-n-butylphthalate	n/a	=	22.4	µg/L	EPA 625	0.24	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Di-n-butylphthalate	n/a	=	89	%	EPA 625	-88	-88	1	118	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Di-n-butylphthalate	n/a	=	21.1	µg/L	EPA 625	0.24	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Di-n-butylphthalate	n/a	=	84	%	EPA 625	-88	-88	1	118	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Di-n-butylphthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Di-n-butylphthalate	n/a	DNQ	0.36	µg/L	EPA 625	0.24	1			IP
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Di-n-octylphthalate	n/a	=	25.6	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Di-n-octylphthalate	n/a	=	102	%	EPA 625	-88	-88	4	146	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Di-n-octylphthalate	n/a	=	23.2	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Di-n-octylphthalate	n/a	=	93	%	EPA 625	-88	-88	4	146	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Di-n-octylphthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	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	
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Fluoranthene	n/a	=	22.8	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Fluoranthene	n/a	=	91	%	EPA 625	-88	-88	26	137	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Fluoranthene	n/a	=	20.9	µg/L	EPA 625	0.22	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Fluoranthene	n/a	=	84	%	EPA 625	-88	-88	26	137	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Fluoranthene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Fluoranthene	n/a	<	0.22	µg/L	EPA 625	0.22	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Fluorene	n/a	=	21.2	µg/L	EPA 625	0.35	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Fluorene	n/a	=	85	%	EPA 625	-88	-88	59	121	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Fluorene	n/a	=	20.5	µg/L	EPA 625	0.35	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Fluorene	n/a	=	82	%	EPA 625	-88	-88	59	121	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Fluorene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625	0.35	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Hexachlorobenzene	n/a	=	19.3	µg/L	EPA 625	0.49	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Hexachlorobenzene	n/a	=	77	%	EPA 625	-88	-88	0.1	152	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Hexachlorobenzene	n/a	=	18.2	µg/L	EPA 625	0.49	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Hexachlorobenzene	n/a	=	73	%	EPA 625	-88	-88	0.1	152	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Hexachlorobutadiene	n/a	=	16.6	µg/L	EPA 625	0.47	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Hexachlorobutadiene	n/a	=	67	%	EPA 625	-88	-88	24	116	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Hexachlorobutadiene	n/a	=	16.1	µg/L	EPA 625	0.47	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Hexachlorobutadiene	n/a	=	65	%	EPA 625	-88	-88	24	116	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Hexachlorobutadiene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.95	µg/L	EPA 625	1.5	5			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Hexachlorocyclopentadiene	n/a	=	20	%	EPA 625	-88	-88	0.1	81	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Hexachlorocyclopentadiene	n/a	=	5	µg/L	EPA 625	1.5	5			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Hexachlorocyclopentadiene	n/a	=	20	%	EPA 625	-88	-88	0.1	81	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Hexachlorocyclopentadiene	n/a	=	1	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Hexachloroethane	n/a	=	15.7	µg/L	EPA 625	0.52	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Hexachloroethane	n/a	=	63	%	EPA 625	-88	-88	40	113	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Hexachloroethane	n/a	=	14.8	µg/L	EPA 625	0.52	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Hexachloroethane	n/a	=	59	%	EPA 625	-88	-88	40	113	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Hexachloroethane	n/a	=	5	%	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	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.5	µg/L	EPA 625	0.12	2			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	46	%	EPA 625	-88	-88	0.1	171	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	10.3	µg/L	EPA 625	0.12	2			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	41	%	EPA 625	-88	-88	0.1	171	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.12	µg/L	EPA 625	0.12	2			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Isophorone	n/a	=	17.3	µg/L	EPA 625	0.21	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Isophorone	n/a	=	69	%	EPA 625	-88	-88	21	196	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Isophorone	n/a	=	16.8	µg/L	EPA 625	0.21	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Isophorone	n/a	=	67	%	EPA 625	-88	-88	21	196	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Isophorone	n/a	=	3	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Naphthalene	n/a	=	17.6	µg/L	EPA 625	0.49	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Naphthalene	n/a	=	70	%	EPA 625	-88	-88	21	133	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Naphthalene	n/a	=	16.8	µg/L	EPA 625	0.49	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Naphthalene	n/a	=	67	%	EPA 625	-88	-88	21	133	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Naphthalene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Nitrobenzene	n/a	=	18.7	µg/L	EPA 625	0.36	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Nitrobenzene	n/a	=	75	%	EPA 625	-88	-88	35	180	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Nitrobenzene	n/a	=	17.9	µg/L	EPA 625	0.36	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Nitrobenzene	n/a	=	72	%	EPA 625	-88	-88	35	180	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Nitrobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2015/16-PRE	Carboy Blank	srgt equip blank	9/5/2015	Organic	Nitrobenzene-d5	n/a	=	22.6	µg/L	EPA 625	-88	-88			
2015/16-PRE	Carboy Blank	srgt equip blank, rec	9/5/2015	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625	-88	-88	27	111	
2015/16-PRE	Lab	srgt method blank	9/5/2015	Organic	Nitrobenzene-d5	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt method blank, rec	9/5/2015	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	27	111	
2015/16-PRE	Lab	srgt LCS	9/5/2015	Organic	Nitrobenzene-d5	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS, rec	9/5/2015	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	27	111	
2015/16-PRE	Lab	srgt LCS dup	9/5/2015	Organic	Nitrobenzene-d5	n/a	=	18.5	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS dup, rec	9/5/2015	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	27	111	
2015/16-PRE	Tubing Blank	srgt equip blank	9/5/2015	Organic	Nitrobenzene-d5	n/a	=	22.2	µg/L	EPA 625	-88	-88			
2015/16-PRE	Tubing Blank	srgt equip blank, rec	9/5/2015	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625	-88	-88	27	111	
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	N-Nitrosodimethylamine	n/a	=	10.4	µg/L	EPA 625	0.14	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625	-88	-88	15	59	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	N-Nitrosodimethylamine	n/a	=	9.59	µg/L	EPA 625	0.14	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	N-Nitrosodimethylamine	n/a	=	38	%	EPA 625	-88	-88	15	59	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	N-Nitrosodimethylamine	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	18.7	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	75	%	EPA 625	-88	-88	0.1	230	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	18	µg/L	EPA 625	0.26	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	72	%	EPA 625	-88	-88	0.1	230	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	N-Nitrosodiphenylamine	n/a	=	19.8	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	N-Nitrosodiphenylamine	n/a	=	79	%	EPA 625	-88	-88	42	90	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	N-Nitrosodiphenylamine	n/a	=	18.9	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	N-Nitrosodiphenylamine	n/a	=	76	%	EPA 625	-88	-88	42	90	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	N-Nitrosodiphenylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	000NONPJ	srgt matrix spike	9/12/2015	Organic	Perylene-d12	n/a	=	5.72	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	000NONPJ	srgt matrix spike, rec	9/12/2015	Organic	Perylene-d12	n/a	=	114	%	EPA 525.2	-88	-88	30	118	
2015/16-PRE	000NONPJ	srgt matrix spike dup	9/12/2015	Organic	Perylene-d12	n/a	=	5.83	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	000NONPJ	srgt matrix spike dup, rec	9/12/2015	Organic	Perylene-d12	n/a	=	117	%	EPA 525.2	-88	-88	30	118	
2015/16-PRE	Carboy Blank	srgt equip blank	9/12/2015	Organic	Perylene-d12	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Carboy Blank	srgt equip blank, rec	9/12/2015	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	30	118	
2015/16-PRE	Lab	srgt method blank	9/12/2015	Organic	Perylene-d12	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Lab	srgt method blank, rec	9/12/2015	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	30	118	
2015/16-PRE	Lab	srgt LCS	9/12/2015	Organic	Perylene-d12	n/a	=	5.46	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Lab	srgt LCS, rec	9/12/2015	Organic	Perylene-d12	n/a	=	109	%	EPA 525.2	-88	-88	30	118	
2015/16-PRE	Tubing Blank	srgt equip blank	9/12/2015	Organic	Perylene-d12	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Tubing Blank	srgt equip blank, rec	9/12/2015	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	30	118	
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Phenanthrene	n/a	=	22.7	µg/L	EPA 625	0.32	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Phenanthrene	n/a	=	91	%	EPA 625	-88	-88	54	120	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Phenanthrene	n/a	=	20.9	µg/L	EPA 625	0.32	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Phenanthrene	n/a	=	84	%	EPA 625	-88	-88	54	120	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Phenanthrene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625	0.32	1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Phenol	n/a	=	6.69	µg/L	EPA 625	0.16	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Phenol	n/a	=	27	%	EPA 625	-88	-88	5	112	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Phenol	n/a	=	6.2	µg/L	EPA 625	0.16	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Phenol	n/a	=	25	%	EPA 625	-88	-88	5	112	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Phenol	n/a	=	8	%	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	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Phenol	n/a	<	0.16	µg/L	EPA 625	0.16	1			
2015/16-PRE	Carboy Blank	srgt equip blank	9/5/2015	Organic	Phenol-d5	n/a	=	17.2	µg/L	EPA 625	-88	-88			
2015/16-PRE	Carboy Blank	srgt equip blank, rec	9/5/2015	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2015/16-PRE	Lab	srgt method blank	9/5/2015	Organic	Phenol-d5	n/a	=	17.1	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt method blank, rec	9/5/2015	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	0.1	53	
2015/16-PRE	Lab	srgt LCS	9/5/2015	Organic	Phenol-d5	n/a	=	15	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS, rec	9/5/2015	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	0.1	53	
2015/16-PRE	Lab	srgt LCS dup	9/5/2015	Organic	Phenol-d5	n/a	=	13.6	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS dup, rec	9/5/2015	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	0.1	53	
2015/16-PRE	Tubing Blank	srgt equip blank	9/5/2015	Organic	Phenol-d5	n/a	=	17.6	µg/L	EPA 625	-88	-88			
2015/16-PRE	Tubing Blank	srgt equip blank, rec	9/5/2015	Organic	Phenol-d5	n/a	=	35	%	EPA 625	-88	-88	0.1	53	
2015/16-PRE	Carboy Blank	srgt equip blank	9/5/2015	Organic	p-Terphenyl-d14	n/a	=	25.9	µg/L	EPA 625	-88	-88			
2015/16-PRE	Carboy Blank	srgt equip blank, rec	9/5/2015	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625	-88	-88	28	113	
2015/16-PRE	Lab	srgt method blank	9/5/2015	Organic	p-Terphenyl-d14	n/a	=	21.4	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt method blank, rec	9/5/2015	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625	-88	-88	28	113	
2015/16-PRE	Lab	srgt LCS	9/5/2015	Organic	p-Terphenyl-d14	n/a	=	25.2	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS, rec	9/5/2015	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625	-88	-88	28	113	
2015/16-PRE	Lab	srgt LCS dup	9/5/2015	Organic	p-Terphenyl-d14	n/a	=	22	µg/L	EPA 625	-88	-88			
2015/16-PRE	Lab	srgt LCS dup, rec	9/5/2015	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625	-88	-88	28	113	
2015/16-PRE	Tubing Blank	srgt equip blank	9/5/2015	Organic	p-Terphenyl-d14	n/a	=	24.7	µg/L	EPA 625	-88	-88			
2015/16-PRE	Tubing Blank	srgt equip blank, rec	9/5/2015	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625	-88	-88	28	113	
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-PRE	Lab	method blank	9/5/2015	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-PRE	Lab	LCS	9/5/2015	Organic	Pyrene	n/a	=	22.4	µg/L	EPA 625	0.25	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Organic	Pyrene	n/a	=	89	%	EPA 625	-88	-88	52	115	
2015/16-PRE	Lab	LCS dup	9/5/2015	Organic	Pyrene	n/a	=	20.1	µg/L	EPA 625	0.25	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Organic	Pyrene	n/a	=	80	%	EPA 625	-88	-88	52	115	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Organic	Pyrene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2015/16-PRE	000NONPJ	srgt matrix spike	9/12/2015	Organic	Triphenylphosphate	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	000NONPJ	srgt matrix spike, rec	9/12/2015	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	70	149	
2015/16-PRE	000NONPJ	srgt matrix spike dup	9/12/2015	Organic	Triphenylphosphate	n/a	=	5.43	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	000NONPJ	srgt matrix spike dup, rec	9/12/2015	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	149	
2015/16-PRE	Carboy Blank	srgt equip blank	9/12/2015	Organic	Triphenylphosphate	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Carboy Blank	srgt equip blank, rec	9/12/2015	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	149	
2015/16-PRE	Lab	srgt method blank	9/12/2015	Organic	Triphenylphosphate	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Lab	srgt method blank, rec	9/12/2015	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	70	149	
2015/16-PRE	Lab	srgt LCS	9/12/2015	Organic	Triphenylphosphate	n/a	=	5.62	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Lab	srgt LCS, rec	9/12/2015	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	70	149	
2015/16-PRE	Tubing Blank	srgt equip blank	9/12/2015	Organic	Triphenylphosphate	n/a	=	5.64	µg/L	EPA 525.2	-88	-88			
2015/16-PRE	Tubing Blank	srgt equip blank, rec	9/12/2015	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	149	
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Alachlor	n/a	=	5.47	µg/L	EPA 525.2	0.022	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Alachlor	n/a	=	109	%	EPA 525.2	-88	-88	44	149	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Alachlor	n/a	=	4.89	µg/L	EPA 525.2	0.022	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Alachlor	n/a	=	98	%	EPA 525.2	-88	-88	44	149	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Alachlor	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			



Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Alachlor	n/a	=	4.83	µg/L	EPA 525.2	0.022	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Alachlor	n/a	=	97	%	EPA 525.2	-88	-88	55	124	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Atrazine	n/a	=	5.38	µg/L	EPA 525.2	0.034	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	67	145	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Atrazine	n/a	=	5.39	µg/L	EPA 525.2	0.034	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	67	145	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Atrazine	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Atrazine	n/a	=	5.29	µg/L	EPA 525.2	0.034	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Atrazine	n/a	=	106	%	EPA 525.2	-88	-88	67	131	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Bromacil	n/a	=	5.22	µg/L	EPA 525.2	0.038	0.5			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Bromacil	n/a	=	104	%	EPA 525.2	-88	-88	60	160	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Bromacil	n/a	=	5.18	µg/L	EPA 525.2	0.038	0.5			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Bromacil	n/a	=	104	%	EPA 525.2	-88	-88	60	160	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Bromacil	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	0.5			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	0.5			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Bromacil	n/a	=	4.44	µg/L	EPA 525.2	0.038	0.5			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Bromacil	n/a	=	89	%	EPA 525.2	-88	-88	62	139	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	0.5			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Butachlor	n/a	=	5.02	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Butachlor	n/a	=	100	%	EPA 525.2	-88	-88	53	146	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Butachlor	n/a	=	4.75	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Butachlor	n/a	=	95	%	EPA 525.2	-88	-88	53	146	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Butachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Butachlor	n/a	=	4.59	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Butachlor	n/a	=	92	%	EPA 525.2	-88	-88	61	127	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Captan	n/a	=	5.76	µg/L	EPA 525.2	0.86	1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Captan	n/a	=	115	%	EPA 525.2	-88	-88	1	183	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Captan	n/a	=	5.81	µg/L	EPA 525.2	0.86	1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Captan	n/a	=	116	%	EPA 525.2	-88	-88	1	183	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Captan	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Captan	n/a	=	5.42	µg/L	EPA 525.2	0.86	1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Captan	n/a	=	108	%	EPA 525.2	-88	-88	14	159	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Chloroprotham	n/a	=	5.66	µg/L	EPA 525.2	0.01	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Chloroprotham	n/a	=	113	%	EPA 525.2	-88	-88	80	156	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Chloroprotham	n/a	=	5.6	µg/L	EPA 525.2	0.01	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Chloroprotham	n/a	=	112	%	EPA 525.2	-88	-88	80	156	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Chloroprotham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Chloroprotham	n/a	=	5.33	µg/L	EPA 525.2	0.01	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Chloroprotham	n/a	=	107	%	EPA 525.2	-88	-88	77	143	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Chloroprotham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Cyanazine	n/a	=	3.67	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Cyanazine	n/a	=	73	%	EPA 525.2	-88	-88	32	142	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Cyanazine	n/a	=	3.82	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Cyanazine	n/a	=	76	%	EPA 525.2	-88	-88	32	142	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Cyanazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Cyanazine	n/a	=	4	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Cyanazine	n/a	=	80	%	EPA 525.2	-88	-88	61	129	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Diazinon	n/a	=	5.37	µg/L	EPA 525.2	0.096	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Diazinon	n/a	=	107	%	EPA 525.2	-88	-88	21	153	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Diazinon	n/a	=	4.9	µg/L	EPA 525.2	0.096	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Diazinon	n/a	=	98	%	EPA 525.2	-88	-88	21	153	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Diazinon	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Diazinon	n/a	=	4.27	µg/L	EPA 525.2	0.096	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Diazinon	n/a	=	85	%	EPA 525.2	-88	-88	30	120	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Diazinon	n/a	<	0.096	µg/L	EPA 525.2	0.096	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Dimethoate	n/a	=	4.7	µg/L	EPA 525.2	0.024	0.2			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Dimethoate	n/a	=	94	%	EPA 525.2	-88	-88	40	132	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Dimethoate	n/a	=	4.16	µg/L	EPA 525.2	0.024	0.2			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Dimethoate	n/a	=	83	%	EPA 525.2	-88	-88	40	132	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Dimethoate	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Dimethoate	n/a	=	3.01	µg/L	EPA 525.2	0.024	0.2			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Dimethoate	n/a	=	60	%	EPA 525.2	-88	-88	38	102	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Dimethoate	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Diphenamid	n/a	=	4.59	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Diphenamid	n/a	=	92	%	EPA 525.2	-88	-88	80	130	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Diphenamid	n/a	=	4.68	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Diphenamid	n/a	=	94	%	EPA 525.2	-88	-88	80	130	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Diphenamid	n/a	=	4.79	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Diphenamid	n/a	=	96	%	EPA 525.2	-88	-88	77	124	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Disulfoton	n/a	=	6.36	µg/L	EPA 525.2	0.031	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Disulfoton	n/a	=	126	%	EPA 525.2	-88	-88	24	164	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Disulfoton	n/a	=	6.26	µg/L	EPA 525.2	0.031	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Disulfoton	n/a	=	124	%	EPA 525.2	-88	-88	24	164	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Disulfoton	n/a	DNQ	0.06	µg/L	EPA 525.2	0.031	0.1			IP
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Disulfoton	n/a	DNQ	0.06	µg/L	EPA 525.2	0.031	0.1			IP
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Disulfoton	n/a	=	5.09	µg/L	EPA 525.2	0.031	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Disulfoton	n/a	=	102	%	EPA 525.2	-88	-88	54	156	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Disulfoton	n/a	DNQ	0.05	µg/L	EPA 525.2	0.031	0.1			IP
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	EPTC	n/a	=	5.2	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	EPTC	n/a	=	104	%	EPA 525.2	-88	-88	75	126	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	EPTC	n/a	=	5.14	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	EPTC	n/a	=	103	%	EPA 525.2	-88	-88	75	126	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	EPTC	n/a	=	5.03	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	EPTC	n/a	=	101	%	EPA 525.2	-88	-88	82	116	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Metolachlor	n/a	=	5.33	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Metolachlor	n/a	=	107	%	EPA 525.2	-88	-88	60	137	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Metolachlor	n/a	=	4.84	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Metolachlor	n/a	=	97	%	EPA 525.2	-88	-88	60	137	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Metolachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Metolachlor	n/a	=	4.77	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Metolachlor	n/a	=	95	%	EPA 525.2	-88	-88	61	123	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Metribuzin	n/a	=	5.3	µg/L	EPA 525.2	0.015	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Metribuzin	n/a	=	106	%	EPA 525.2	-88	-88	47	125	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Metribuzin	n/a	=	4.91	µg/L	EPA 525.2	0.015	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Metribuzin	n/a	=	98	%	EPA 525.2	-88	-88	47	125	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Metribuzin	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Metribuzin	n/a	=	4.61	µg/L	EPA 525.2	0.015	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Metribuzin	n/a	=	92	%	EPA 525.2	-88	-88	50	121	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Molinate	n/a	=	5.36	µg/L	EPA 525.2	0.039	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Molinate	n/a	=	107	%	EPA 525.2	-88	-88	81	125	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Molinate	n/a	=	5.32	µg/L	EPA 525.2	0.039	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Molinate	n/a	=	106	%	EPA 525.2	-88	-88	81	125	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Molinate	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Molinate	n/a	=	5.14	µg/L	EPA 525.2	0.039	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Molinate	n/a	=	103	%	EPA 525.2	-88	-88	82	117	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2015/16-PRE	Carboy Blank	equip blank	9/5/2015	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	method blank	9/5/2015	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS	9/5/2015	Pesticide	Pentachlorophenol	n/a	=	5.54	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS, rec	9/5/2015	Pesticide	Pentachlorophenol	n/a	=	22	%	EPA 625	-88	-88	14	176	
2015/16-PRE	Lab	LCS dup	9/5/2015	Pesticide	Pentachlorophenol	n/a	=	4.93	µg/L	EPA 625	0.19	1			
2015/16-PRE	Lab	LCS dup, rec	9/5/2015	Pesticide	Pentachlorophenol	n/a	=	20	%	EPA 625	-88	-88	14	176	
2015/16-PRE	Lab	LCS, RPD	9/5/2015	Pesticide	Pentachlorophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	
2015/16-PRE	Tubing Blank	equip blank	9/5/2015	Pesticide	Pentachlorophenol	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Prometon	n/a	=	2.13	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Prometon	n/a	=	43	%	EPA 525.2	-88	-88	28	112	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Prometon	n/a	=	2.24	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Prometon	n/a	=	45	%	EPA 525.2	-88	-88	28	112	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Prometon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Prometon	n/a	=	4	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Prometon	n/a	=	80	%	EPA 525.2	-88	-88	17	101	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Prometryn	n/a	=	4.19	µg/L	EPA 525.2	0.036	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Prometryn	n/a	=	84	%	EPA 525.2	-88	-88	61	127	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Prometryn	n/a	=	3.9	µg/L	EPA 525.2	0.036	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Prometryn	n/a	=	78	%	EPA 525.2	-88	-88	61	127	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Prometryn	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Prometryn	n/a	=	4.56	µg/L	EPA 525.2	0.036	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Prometryn	n/a	=	91	%	EPA 525.2	-88	-88	57	122	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Simazine	n/a	=	7.13	µg/L	EPA 525.2	0.015	0.1			GB
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Simazine	n/a	=	143	%	EPA 525.2	-88	-88	55	113	GB
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Simazine	n/a	=	6	µg/L	EPA 525.2	0.015	0.1			GB
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Simazine	n/a	=	120	%	EPA 525.2	-88	-88	55	113	GB
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Simazine	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Simazine	n/a	=	5.54	µg/L	EPA 525.2	0.015	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Simazine	n/a	=	111	%	EPA 525.2	-88	-88	53	116	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Terbacil	n/a	=	4.87	µg/L	EPA 525.2	0.55	2			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Terbacil	n/a	=	97	%	EPA 525.2	-88	-88	72	155	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Terbacil	n/a	=	4.98	µg/L	EPA 525.2	0.55	2			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	72	155	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	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	
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Terbacil	n/a	=	4.67	µg/L	EPA 525.2	0.55	2			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Terbacil	n/a	=	93	%	EPA 525.2	-88	-88	70	135	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Thiobencarb	n/a	=	5	µg/L	EPA 525.2	0.025	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Thiobencarb	n/a	=	100	%	EPA 525.2	-88	-88	45	145	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Thiobencarb	n/a	=	4.59	µg/L	EPA 525.2	0.025	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Thiobencarb	n/a	=	92	%	EPA 525.2	-88	-88	45	145	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Thiobencarb	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Thiobencarb	n/a	=	4.48	µg/L	EPA 525.2	0.025	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Thiobencarb	n/a	=	90	%	EPA 525.2	-88	-88	56	125	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.1			
2015/16-PRE	000NONPJ	matrix spike	9/12/2015	Pesticide	Trithion	n/a	=	4.6	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	000NONPJ	matrix spike, rec	9/12/2015	Pesticide	Trithion	n/a	=	92	%	EPA 525.2	-88	-88	61	139	
2015/16-PRE	000NONPJ	matrix spike dup	9/12/2015	Pesticide	Trithion	n/a	=	4.64	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	000NONPJ	matrix spike dup, rec	9/12/2015	Pesticide	Trithion	n/a	=	93	%	EPA 525.2	-88	-88	61	139	
2015/16-PRE	000NONPJ	matrix spike, RPD	9/12/2015	Pesticide	Trithion	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2015/16-PRE	Carboy Blank	equip blank	9/12/2015	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	Lab	method blank	9/12/2015	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	Lab	LCS	9/12/2015	Pesticide	Trithion	n/a	=	4.41	µg/L	EPA 525.2	0.012	0.1			
2015/16-PRE	Lab	LCS, rec	9/12/2015	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	60	124	
2015/16-PRE	Tubing Blank	equip blank	9/12/2015	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2016-DRY	000NONPJ	matrix spike	8/23/2016	Cation	Calcium	Total	=	44	mg/L	EPA 200.7	0.016	0.1			
2016-DRY	000NONPJ	matrix spike, rec	8/23/2016	Cation	Calcium	Total	=	87	%	EPA 200.7	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike dup	8/23/2016	Cation	Calcium	Total	=	47.6	mg/L	EPA 200.7	0.016	0.1			
2016-DRY	000NONPJ	matrix spike dup, rec	8/23/2016	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike, RPD	8/23/2016	Cation	Calcium	Total	=	8	%	EPA 200.7	-88	-88	0	30	
2016-DRY	DRY-CAM4	matrix spike	8/23/2016	Cation	Calcium	Total	=	229	mg/L	EPA 200.7	0.016	0.1			
2016-DRY	DRY-CAM4	matrix spike, rec	8/23/2016	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2016-DRY	DRY-CAM4	matrix spike dup	8/23/2016	Cation	Calcium	Total	=	228	mg/L	EPA 200.7	0.016	0.1			
2016-DRY	DRY-CAM4	matrix spike dup, rec	8/23/2016	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2016-DRY	DRY-CAM4	matrix spike, RPD	8/23/2016	Cation	Calcium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2016-DRY	Lab	method blank	8/23/2016	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2016-DRY	Lab	LCS	8/23/2016	Cation	Calcium	Total	=	46.9	mg/L	EPA 200.7	0.016	0.1			
2016-DRY	Lab	LCS, rec	8/23/2016	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2016-DRY	000NONPJ	matrix spike	8/23/2016	Cation	Magnesium	Total	=	46.2	mg/L	EPA 200.7	0.012	0.1			
2016-DRY	000NONPJ	matrix spike, rec	8/23/2016	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike dup	8/23/2016	Cation	Magnesium	Total	=	50	mg/L	EPA 200.7	0.012	0.1			
2016-DRY	000NONPJ	matrix spike dup, rec	8/23/2016	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike, RPD	8/23/2016	Cation	Magnesium	Total	=	8	%	EPA 200.7	-88	-88	0	30	
2016-DRY	DRY-CAM4	matrix spike	8/23/2016	Cation	Magnesium	Total	=	121	mg/L	EPA 200.7	0.012	0.1			
2016-DRY	DRY-CAM4	matrix spike, rec	8/23/2016	Cation	Magnesium	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2016-DRY	DRY-CAM4	matrix spike dup	8/23/2016	Cation	Magnesium	Total	=	120	mg/L	EPA 200.7	0.012	0.1			
2016-DRY	DRY-CAM4	matrix spike dup, rec	8/23/2016	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2016-DRY	DRY-CAM4	matrix spike, RPD	8/23/2016	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016-DRY	Lab	method blank	8/23/2016	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2016-DRY	Lab	LCS	8/23/2016	Cation	Magnesium	Total	=	49.4	mg/L	EPA 200.7	0.012	0.1			
2016-DRY	Lab	LCS, rec	8/23/2016	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2016-DRY	000NONPJ	matrix spike	8/22/2016	Conventional	Total Organic Carbon	n/a	=	4.9	mg/L	SM 5310 C	0.009	0.3			
2016-DRY	000NONPJ	matrix spike dup	8/22/2016	Conventional	Total Organic Carbon	n/a	=	5.22	mg/L	SM 5310 C	0.009	0.3			
2016-DRY	000NONPJ	matrix spike dup, rec	8/22/2016	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	80	116	
2016-DRY	000NONPJ	matrix spike, rec	8/22/2016	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 C	-88	-88	80	116	
2016-DRY	000NONPJ	matrix spike, RPD	8/22/2016	Conventional	Total Organic Carbon	n/a	=	6	%	SM 5310 C	-88	-88	0	20	
2016-DRY	Lab	LCS	8/22/2016	Conventional	Total Organic Carbon	n/a	=	4.84	mg/L	SM 5310 C	0.009	0.3			
2016-DRY	Lab	LCS	8/22/2016	Conventional	Total Organic Carbon	n/a	=	9.98	mg/L	SM 5310 C	0.009	0.3			
2016-DRY	Lab	LCS, rec	8/22/2016	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	85	115	
2016-DRY	Lab	LCS, rec	8/22/2016	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 C	-88	-88	85	115	
2016-DRY	Lab	method blank	8/22/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0772	mg/L	SM 5310 C	0.009	0.3			IP
2016-DRY	Lab	method blank	8/22/2016	Conventional	Total Organic Carbon	n/a	DNQ	0.0621	mg/L	SM 5310 C	0.009	0.3			IP
2016-DRY	000NONPJ	matrix spike	8/25/2016	Metal	Copper	Dissolved	=	46.7	µg/L	EPA 200.8	0.13	0.5			
2016-DRY	000NONPJ	matrix spike, rec	8/25/2016	Metal	Copper	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike dup	8/25/2016	Metal	Copper	Dissolved	=	47.4	µg/L	EPA 200.8	0.13	0.5			
2016-DRY	000NONPJ	matrix spike dup, rec	8/25/2016	Metal	Copper	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike, RPD	8/25/2016	Metal	Copper	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2016-DRY	000NONPJ	matrix spike	8/25/2016	Metal	Copper	Dissolved	=	51.4	µg/L	EPA 200.8	0.13	0.5			
2016-DRY	000NONPJ	matrix spike, rec	8/25/2016	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike dup	8/25/2016	Metal	Copper	Dissolved	=	51.9	µg/L	EPA 200.8	0.13	0.5			
2016-DRY	000NONPJ	matrix spike dup, rec	8/25/2016	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike, RPD	8/25/2016	Metal	Copper	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2016-DRY	Lab	method blank	8/25/2016	Metal	Copper	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.5			
2016-DRY	Lab	LCS	8/25/2016	Metal	Copper	Dissolved	=	51.3	µg/L	EPA 200.8	0.13	0.5			
2016-DRY	Lab	LCS, rec	8/25/2016	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2016-DRY	000NONPJ	matrix spike	8/25/2016	Metal	Lead	Dissolved	=	46.9	µg/L	EPA 200.8	0.031	0.2			
2016-DRY	000NONPJ	matrix spike, rec	8/25/2016	Metal	Lead	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike dup	8/25/2016	Metal	Lead	Dissolved	=	47.1	µg/L	EPA 200.8	0.031	0.2			
2016-DRY	000NONPJ	matrix spike dup, rec	8/25/2016	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike, RPD	8/25/2016	Metal	Lead	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	
2016-DRY	000NONPJ	matrix spike	8/25/2016	Metal	Lead	Dissolved	=	48.3	µg/L	EPA 200.8	0.031	0.2			
2016-DRY	000NONPJ	matrix spike, rec	8/25/2016	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike dup	8/25/2016	Metal	Lead	Dissolved	=	46.8	µg/L	EPA 200.8	0.031	0.2			
2016-DRY	000NONPJ	matrix spike dup, rec	8/25/2016	Metal	Lead	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike, RPD	8/25/2016	Metal	Lead	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2016-DRY	Lab	method blank	8/25/2016	Metal	Lead	Dissolved	<	0.031	µg/L	EPA 200.8	0.031	0.2			
2016-DRY	Lab	LCS	8/25/2016	Metal	Lead	Dissolved	=	48.2	µg/L	EPA 200.8	0.031	0.2			
2016-DRY	Lab	LCS, rec	8/25/2016	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2016-DRY	000NONPJ	matrix spike	8/25/2016	Metal	Zinc	Dissolved	=	48.5	µg/L	EPA 200.8	0.94	5			
2016-DRY	000NONPJ	matrix spike, rec	8/25/2016	Metal	Zinc	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike dup	8/25/2016	Metal	Zinc	Dissolved	=	48.9	µg/L	EPA 200.8	0.94	5			
2016-DRY	000NONPJ	matrix spike dup, rec	8/25/2016	Metal	Zinc	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike, RPD	8/25/2016	Metal	Zinc	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	
2016-DRY	000NONPJ	matrix spike	8/25/2016	Metal	Zinc	Dissolved	=	50.6	µg/L	EPA 200.8	0.94	5			
2016-DRY	000NONPJ	matrix spike, rec	8/25/2016	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2016-DRY	000NONPJ	matrix spike dup	8/25/2016	Metal	Zinc	Dissolved	=	51.1	µg/L	EPA 200.8	0.94	5			
2016-DRY	000NONPJ	matrix spike dup, rec	8/25/2016	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2016-DRY	000NONPJ	matrix spike, RPD	8/25/2016	Metal	Zinc	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	
2016-DRY	Lab	method blank	8/25/2016	Metal	Zinc	Dissolved	<	0.94	µg/L	EPA 200.8	0.94	5			
2016-DRY	Lab	LCS	8/25/2016	Metal	Zinc	Dissolved	=	54	µg/L	EPA 200.8	0.94	5			
2016-DRY	Lab	LCS, rec	8/25/2016	Metal	Zinc	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	